

GenCore version 5.1.4.p5.4578
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OM nucleic - nucleic search, using sw model

Run on: May 15, 2003, 12:48:27 ; Search time 79.9416 Seconds
(without alignments)
8324.688 Million cell updates/sec

Title: US-09-895-298A-13

Perfect score: 2170
Sequence: 1 ggcacagagcgcgtccca.....aaaaaaaaaaaaaaaaaaaaa 2170

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_NA.*
1: /cgn2_6/ptodata/1/ina/5A.COMB.seq.*
2: /cgn2_6/ptodata/1/ina/5B.COMB.seq.*
3: /cgn2_6/ptodata/1/ina/6A.COMB.seq.*
4: /cgn2_6/ptodata/1/ina/6B.COMB.seq.*
5: /cgn2_6/ptodata/1/ina/PCUS.COMB.seq.*
6: /cgn2_6/ptodata/1/ina/backfile1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	411.8	19.0	429	4	US-09-397-787-252
2	309.2	14.2	817	4	US-09-247-155-142
3	229.2	10.6	246	4	US-09-397-787-110
4	81.4	3.8	2220	6	5171850-1
5	56.4	2.6	7218	1	US-08-232-463-14
6	44	2.0	1117	4	US-09-247-373B-33
7	43.8	2.0	7218	1	US-08-232-463-14
8	42.8	2.0	5852	1	US-07-867-106-2
9	41.4	1.9	2058	2	US-08-749-391-1
10	41.4	1.9	2058	3	US-09-390-200-1
11	41.4	1.9	2601	4	US-08-566-749-3
12	41.4	1.9	2601	5	PCR-US96-12860-3
13	41	1.9	1447	4	US-09-443-041A-27
14	40.6	1.9	9589	1	US-07-925-695-1
15	40.6	1.9	9589	1	US-07-925-695-2
16	40.6	1.9	12980	3	US-08-811-566-5
17	40.6	1.9	12980	3	US-09-034-756-5
18	40.4	1.9	144	1	US-08-703-344-26
19	40.4	1.9	1878	4	US-09-465-558-39
20	39.6	1.8	572	4	US-09-342-653-5
21	39.4	1.8	1210	4	US-09-443-041A-29
22	39.4	1.8	1872	4	US-09-801-052-1
23	39.2	1.8	270	2	US-08-520-678A-30
24	39.2	1.8	270	4	US-08-897-126-30
25	39	1.8	1193	4	US-09-372-422A-23
26	39	1.8	2184	4	US-08-955-918C-1
27	39	1.8	2184	4	US-08-697-766A-1

28	38.8	1.8	227	2	US-08-520-678A-28	Sequence 28, Appl
29	38.8	1.8	227	4	US-08-897-126-28	Sequence 28, Appl
30	38.8	1.8	473	1	US-08-764-100-16	Sequence 16, Appl
31	38.8	1.8	4970	1	US-08-764-100-14	Sequence 14, Appl
32	38.8	1.8	4970	2	US-08-764-100-20	Sequence 20, Appl
33	38.6	1.8	1849	2	US-08-912-227-1	Sequence 1, Appl1
34	38.6	1.8	1849	4	US-09-513-584-1	Sequence 1, Appl1
35	38.4	1.8	121	4	US-09-297-535-20	Sequence 20, Appl1
36	38.4	1.8	1474	4	US-08-821-934-64	Sequence 64, Appl1
37	38.4	1.8	1641	4	US-08-300-903A-8	Sequence 8, Appl1
38	38.4	1.8	2045	4	US-09-152-060-22	Sequence 22, Appl
39	38.2	1.8	356	2	US-08-520-678A-22	Sequence 22, Appl
40	38.2	1.8	356	4	US-08-897-126-22	Sequence 22, Appl
41	38.2	1.8	1117	4	US-09-247-373B-33	Sequence 33, Appl
42	38.2	1.8	2634	4	US-09-463-238-3	Sequence 3, Appl1
43	38.2	1.8	9646	3	US-08-811-566-1	Sequence 1, Appl1
44	38.2	1.8	9646	4	US-09-034-756-1	Sequence 1, Appl1
45	38	1.8	1733	3	US-09-073-569-1	Sequence 1, Appl1

ALIGNMENTS

RESULT 1
US-09-397-787-252
Sequence 252, Application US/09397787
Patent No. 6468758
GENERAL INFORMATION:
APPLICANT: Benson, Darin R.
APPLICANT: Lodes, Michael J.
APPLICANT: Mitcham, Jennifer L.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR OVARIAN
TITLE OF INVENTION: CANCER THERAPY AND DIAGNOSIS
FILE REFERENCE: 210121.466C2
CURRENT APPLICATION NUMBER: US/09/397,787
CURRENT FILING DATE: 1999-09-16
NUMBER OF SEQ ID NOS: 334
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 252
LENGTH: 429
TYPE: DNA
ORGANISM: Homo sapien
FEATURE:
NAME/KEY: misc-feature
LOCATION: (1)...(429)
OTHER INFORMATION: n = A,T,C or G
US-09-397-787-252

Query Match 19.0% Score 411.8; DB 4; Length 429;
Best Local Similarity 98.6% Pred. No. 7.8e-107;
Matches 424; Conservative 0; Mismatches 5; Indels 1; Gaps 1;

QY	376	TTCAAGAGCACTGGAAGAAATGAGAAATCCCTGATGATGATGTTGTAAGACATAT	435
DB	1	TTCAAGAGCACTGGAAGAAATGAGAAATCCCTGATGATGATGTTGTAAGACATAT	60
QY	436	GCCATTTATATCATGCAAAATTTGAGCTATTAAAGATCTCTGTAAGAGTAAAGCT	495
DB	61	GGNCATTTATATCATGCAAAATTTGAGCTATTAAAGATCTCTGTAAGAGTAAAGCT	120
QY	496	TACTAGTGTGGGGAATGTGAACCTGGAGAAATGCTAAATGACTTCTGGCTCGCTC	555
DB	121	TACTAGTGTGGGGAATGTGAACCTGGAGAAATGCTAAATGACTTCTGGCTCGCTC	180
QY	556	CTGAGCGGATGTCGCTGCTGTAACCTGAGTACCACTTACAGATGATATCTGAA	615
DB	181	CTGAGCGGATGTCGCTGCTGTAACCTGAGTACCACTTACAGATGATATCTGAA	240
QY	616	TGTGTGACCAAGTATACGAGCAGAGCTGAAGCCCTTGAGATGTCCTCGCAATTAAG	675
DB	241	TGTGTGACCAAGTATACGAGCAGAGCTGAAGCCCTTGAGATGTCCTCGCAATTAAG	300

QY 676 CTCAGTACTGCTGCTTTTGTAGACCCCGTACTTCCGTCAGAGGCTTAGCGGTTCCG 735
 DB 301 CTCAGTACTGCTGCTTTTGTAGACCCCGTACTTCCGTCAGAGGCTTAGCGGTTCCG 360
 QY 736 GAGATGCTGCTAGCAAGTCTCCGCTGTAAACCCAGAGGCTTAGCGGTTCCG 795
 DB 361 GAGATGCTGCTAGCAAGTCTCCGCTGTAAACCCAGAGGCTTAGCGGTTCCG 419
 QY 796 GTTGAAGATG 805
 DB 420 GTTGAAGATG 429

RESULT 2 US-09-247-155-142

; Sequence 142, Application US/09247155A
 ; Patent No. 6312922
 ; GENERAL INFORMATION:
 ; APPLICANT: Dumas Mline Edwards, Jean-Baptiste
 ; APPLICANT: Duclert, Aymeric
 ; APPLICANT: Bouguetel, Lydie
 ; TITLE OF INVENTION: Complementary DNAs
 ; FILE REFERENCE: GENSET.021A
 ; CURRENT APPLICATION NUMBER: US/09/247,155A
 ; EARLIER FILING DATE: 1998-02-09
 ; EARLIER FILING DATE: 1998-07/4,121
 ; EARLIER FILING DATE: 1998-02-09
 ; EARLIER APPLICATION NUMBER: 60/081,563
 ; EARLIER FILING DATE: 1998-04-13
 ; EARLIER APPLICATION NUMBER: 60/096,116
 ; EARLIER FILING DATE: 1998-08-10
 ; EARLIER APPLICATION NUMBER: 60/099,273
 ; NUMBER OF SEQ ID NOS: 182
 ; SOFTWARE: Patent.pm
 ; SEQ ID NO 142
 ; LENGTH: 817
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 28..804
 ; FEATURE:
 ; NAME/KEY: s19.peptide
 ; LOCATION: 28..96
 ; OTHER INFORMATION: Von Heljine matrix
 ; OTHER INFORMATION: score 10
 ; OTHER INFORMATION: seq PLIGLILSLPAGA/DV
 ; FEATURE:
 ; NAME/KEY: POLYA.site
 ; LOCATION: 805..817
 ; US-09-247-155-142

Query Match 14.2%; Score 309.2; DB 4; Length 817;
 Best Local Similarity 62.8%; Pred. No. 1.2e-77;
 Matches 446; Conservative 18; Mismatches 246; Indels 0; Gaps 0;

QY 47 GCACCATGCGAGGCTGCGGCTGCGGCTGCTGCGACCTGCGACGCTCTAGCGCG 106
 DB 23 GCACCATGCGCTTCTTGATGAGGCTGCTGCTGCTGCGGCTGCTGCTGCTGCTG 82
 QY 107 CCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 166
 DB 83 TCCCGCGCGCGCGCGAGTGTGAAGGCTGCGAGCTGCGAGAGGCTGCGCGCTAGCGGTG 142
 QY 157 CCAAGGCTTCAACAAGAGATGCGGCTGCGAGATGCAAGGCTGATCATTTGAGA 226
 DB 143 CCAAGGATTCAGCTGCGGAGATCCCTACAGAGATCGAGAGGAGGAGCACTTAAGA 202
 QY 227 TCTGTCCCGAGGCTTCAAGTCTGCTGCTGCAAGATGAGAGGAGAGTACAGCTGCA 286
 DB 203 TCTGTCTCAGGAATATACATGCTGCAACCAAGAAATGAGACAGTAAAGCAACAAA 262

QY 287 GTAAGATGATTTCAAAAGTGTGTCAGCAAGAGTCAATCATTTGCAAGCTGCTTTG 346
 DB 263 GCAAACTGCAATTTGAAAACCTGTGGAAGAGACAAAGCATTTTGTGCGACACCTTTG 322
 QY 347 CTTACGTTTACAAAGATGCTGATGATTTCTTCAAAAGTCTTGAAGTGAAGAGAAAT 406
 DB 323 TGTCCAGCATTAAGAAATTTGACGATTTTTCGAGAGCTCCGKGAGATGACAAAAGT 382
 QY 407 CCGTGAATGATGATTTGTTGGAACATATGCGCATTTATACATGCAAAATTTGAGCTAT 466
 DB 383 CACTAAATGATGATTTGTTGTCGACCTATGATGCTGCTGCAATTCARATTCAGAGTCT 442
 QY 467 TTAAGATCTCTTCTAGAGTTGAACCTTACTAGTGTGGAAGTGAACCTGGAAG 526
 DB 443 TCCRGACCTTTCACARAGCTGAAAGTACTACACTGGGGTATATGCAATCTGAGAG 502
 QY 527 AAATGCTAAATGATCTTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 586
 DB 503 AAATGCTAAATGATCTTGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 562
 QY 587 AGTACCACTTACAGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 646
 DB 563 AGTACCACTTACAGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 622
 QY 647 CTTGCGAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 706
 DB 623 CATTTGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 682
 QY 707 GTACTTGGCTCAAGGCTTGAAGGCTTGGGAGATGCTGCTGCTGCTGCTGCTGCT 756
 DB 683 GGACCTTGTCCAGGCTGACTGTGGGAGAGAGTTCACCAAGAGT 732

RESULT 3 US-09-397-787-110

; Sequence 110, Application US/09397787
 ; Patent No. 6468758
 ; GENERAL INFORMATION:
 ; APPLICANT: Benson, Darin R.
 ; APPLICANT: Lodes, Michael J.
 ; APPLICANT: Mitcham, Jennifer L.
 ; APPLICANT: King, Gordon E.
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR OVARIAN
 ; FILE REFERENCE: 210121.466C2
 ; CURRENT APPLICATION NUMBER: US/09/397,787
 ; CURRENT FILING DATE: 1999-09-16
 ; NUMBER OF SEQ ID NOS: 334
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 110
 ; LENGTH: 246
 ; TYPE: DNA
 ; ORGANISM: Homo sapien
 ; US-09-397-787-110

Query Match 10.6%; Score 229.2; DB 4; Length 246;
 Best Local Similarity 98.4%; Pred. No. 2.6e-53;
 Matches 242; Conservative 0; Mismatches 3; Indels 1; Gaps 1;

QY 376 TTCAAGAACTACTTGAAG-ATGACAGAAATCCCTGAATGATATGTTGTGAAGACATA 434
 DB 1 TTCAAGAACTACTTGAAGAAATATGACAGAAATCCCTGAATGATATGTTGTGAAGACATA 60
 QY 435 TGGCAATTTATACATGCAAAATTTGAGCTATTTAAAGATCTCTTGTGAAGTGAACG 494
 DB 61 TGGCAATTTATACATGCAAAATTTGAGCTATTTAAAGATCTCTTGTGAAGTGAACG 120
 QY 495 TTACTAGTGTGGAATGGAACCTGGAAGAAATGTAATGACTTGTGGCTCGCCT 554
 DB 121 TTACTAGTGTGGAATGGAACCTGGAAGAAATGTAATGACTTGTGGCTCGCCT 180
 QY 555 CCGGAGCGGATGCTGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 614

QY	2003	TCATATATTTGGTGAATCTTTTTCATTTGTTGGGTTTTTTTCCAACT	2062
Db	2599	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAATTTGGGGGTTTTTAAATTT	2540
QY	2063	GACTTCGCTTGTTCCTTCAACCAACGAGGTCCTTTTGGCAGCTAACATGTACT	2122
Db	2539	TTTCTCAGCAAAATCTTTTATTTAAAAACCACTGCTCTAAATGTCTATTCACACATATATGC	2480
QY	2123	ATTTCGAAATATTAATAGCTGTACAGAAAAAATTTTTTTTTT	2165
Db	2479	ACACCTTCGATGTATATGGACACTGTATCAAAAATGACAGAGAA	2437

GenCore version 5.1.4.p5.4578
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OM nucleic - nucleic search, using sw model

Run on: May 15, 2003, 17:06:30 ; Search time 269.596 Seconds
(without alignments)
10382.815 Million cell updates/sec

Title: US-09-895-298a-13

Perfect score: 2170
Sequence: 1 ggcacgaggtccggtccca.....aaaaaaaaaaaaaaaaa 2170

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 810007 seqs, 644969091 residues

Total number of hits satisfying chosen parameters: 1620014

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database: Published Applications_NA:*

- 1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/ptodata/2/pubpna/PCOT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/2/pubpna/PCOT_NEW_PUBCOMB.seq:*
- 7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
- 10: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
- 12: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*
- 13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
- 14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2170	100.0	2170	9	US-09-895-298-13
2	2095.8	96.6	2651	9	US-09-992-598-159
3	2095.8	96.6	2651	9	US-09-989-293A-159
4	2095.8	96.6	2651	9	US-10-063-547-23
5	2095.8	96.6	2651	9	US-09-989-735-159
6	2095.8	96.6	2651	9	US-09-980-444-159
7	2095.8	96.6	2651	9	US-09-989-730-159
8	2095.8	96.6	2651	9	US-09-990-436-159
9	2095.8	96.6	2651	9	US-09-991-181-159
10	2095.8	96.6	2651	9	US-09-993-687-159
11	2095.8	96.6	2651	9	US-09-989-734-159
12	2095.8	96.6	2651	9	US-09-997-653-159
13	2095.8	96.6	2651	9	US-10-174-590-135
14	2095.8	96.6	2651	9	US-10-176-758-135
15	2095.8	96.6	2651	9	US-10-063-616-23
16	2095.8	96.6	2651	9	US-10-175-737-135
17	2095.8	96.6	2651	9	US-09-993-667-159
18	2095.8	96.6	2651	9	US-10-063-502-23
19	2095.8	96.6	2651	9	US-10-173-706-135

20	2095.8	96.6	2651	9	US-10-175-738-135	Sequence 135, App
21	2095.8	96.6	2651	9	US-10-175-752-135	Sequence 135, App
22	2095.8	96.6	2651	9	US-10-176-482-135	Sequence 135, App
23	2095.8	96.6	2651	9	US-10-176-757-135	Sequence 135, App
24	2095.8	96.6	2651	9	US-10-176-913-135	Sequence 135, App
25	2095.8	96.6	2651	9	US-10-180-552-135	Sequence 135, App
26	2095.8	96.6	2651	9	US-10-180-557-135	Sequence 135, App
27	2095.8	96.6	2651	9	US-09-990-438-159	Sequence 135, App
28	2095.8	96.6	2651	9	US-09-990-562-159	Sequence 159, App
29	2095.8	96.6	2651	9	US-09-997-428-159	Sequence 159, App
30	2095.8	96.6	2651	9	US-09-997-666-159	Sequence 159, App
31	2095.8	96.6	2651	9	US-10-173-700-135	Sequence 135, App
32	2095.8	96.6	2651	9	US-10-174-572-135	Sequence 135, App
33	2095.8	96.6	2651	9	US-10-174-579-135	Sequence 135, App
34	2095.8	96.6	2651	9	US-10-174-582-135	Sequence 135, App
35	2095.8	96.6	2651	9	US-10-174-588-135	Sequence 135, App
36	2095.8	96.6	2651	9	US-10-175-739-135	Sequence 135, App
37	2095.8	96.6	2651	9	US-10-175-740-135	Sequence 135, App
38	2095.8	96.6	2651	9	US-10-175-743-135	Sequence 135, App
39	2095.8	96.6	2651	9	US-10-176-488-135	Sequence 135, App
40	2095.8	96.6	2651	9	US-10-176-492-135	Sequence 135, App
41	2095.8	96.6	2651	9	US-10-176-747-135	Sequence 135, App
42	2095.8	96.6	2651	9	US-10-176-750-135	Sequence 135, App
43	2095.8	96.6	2651	9	US-10-176-985-135	Sequence 135, App
44	2095.8	96.6	2651	9	US-10-176-987-135	Sequence 135, App
45	2095.8	96.6	2651	9	US-10-176-991-135	Sequence 135, App

ALIGNMENTS

RESULT 1
US-09-895-298-13
Sequence 13, Application US/09895298
Publication No. US20030078405A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 47 Human Secreted Proteins
FILE REFERENCE: P2035P1
CURRENT APPLICATION NUMBER: US/09/895,298
CURRENT FILING DATE: 2001-07-02
PRIOR APPLICATION NUMBER: 09/591,16
PRIOR FILING DATE: 2000-06-09
PRIOR APPLICATION NUMBER: PCT/US99/29950
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: 60/113,006
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: 60/112,809
PRIOR FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 231
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13
LENGTH: 2170
TYPE: DNA
ORGANISM: Homo sapiens

Query Match 100.0%: Score 2170; DB 9; Length 2170;
Best Local Similarity 100.0%: Pred. No. 0;
Matches 2170; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	GGCACGAGGTCCGTCCTCCCAAGGTGGAGCGCTCCGCGCCGCGGCACCATGACGCG 60
DB	1	GGCACGAGGTCCGTCCTCCCAAGGTGGAGCGCTCCGCGCCGCGGCACCATGACGCG 60
QY	61	TTGGCTTGGCCCGGCTTCCTGACACCTGGAGTGTGCGGCGCGGCTGGTGGTGC 120
DB	61	TTCGCTTGGCCCGGCTTCCTGACACCTGGAGTGTGCGGCGCGGCTGGTGGTGC 120
QY	121	GAGCTCAAGTGAAGTTGCTGGAAGTGCAGCGCTTTACGTGTCGAAGGCTTCAAC 180
DB	121	GAGCTCAAGTGAAGTTGCTGGAAGTGCAGCGCTTTACGTGTCGAAGGCTTCAAC 180

181 AAGAACGATGCCCCCTCCAGAGATCAAGGATGATCATTTGAAAGATCTGCCCCAGGT 240
181 AAGAACGATGCCCCCTCCAGAGATCAAGGATGATCATTTGAAAGATCTGCCCCAGGT 240
241 TCTACCTGCTGCTCTCAAGAGATGAGAGAGATGACGCTCCCAAGTAAAGATGATTC 300
241 TCTACCTGCTGCTCTCAAGAGATGAGAGAGATGACGCTCCCAAGTAAAGATGATTC 300
301 AAAAGTGGTCAAGCAAGTCAATCATTTGCAAGCTCTCTTGGTCAAGTAAAG 360
301 AAAAGTGGTCAAGCAAGTCAATCATTTGCAAGCTCTCTTGGTCAAGTAAAG 360
361 AAGTCTATGATTTCTTCAAGAACTACTTGAAGATCAGAGAAATCCCTGATGATG 420
361 AAGTCTATGATTTCTTCAAGAACTACTTGAAGATCAGAGAAATCCCTGATGATG 420
421 TTTGTGAAGACATATGGCCATTTATACATGCAAAATTTTGAAGTATTTGAAGATCTTTC 480
421 TTTGTGAAGACATATGGCCATTTATACATGCAAAATTTTGAAGTATTTGAAGATCTTTC 480
481 GTAGAGTTGAAAGCTTACTACGTGCTGGGAAATGTGAACCTGGAAATGCTAAATGAC 540
481 GTAGAGTTGAAAGCTTACTACGTGCTGGGAAATGTGAACCTGGAAATGCTAAATGAC 540
541 TTTGGGCTGCGCTCCGAGAGGATGTTCCGCTGGTGAACCTGGAAATGCTAAATGAC 600
541 TTTGGGCTGCGCTCCGAGAGGATGTTCCGCTGGTGAACCTGGAAATGCTAAATGAC 600
601 GATGAGTATCTGAAATGTGAGCAAGTATACGAGAGAGCTGAAAGCTTCCGAGATGTC 660
601 GATGAGTATCTGAAATGTGAGCAAGTATACGAGAGAGCTGAAAGCTTCCGAGATGTC 660
661 CCTGCAAAATTTGAAGCTCCAGAGTACTGCTGTTTGTAGACAGCCCTACTTTCGCTCAA 720
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721 GCGTACGCTGCGGAGATGTCGAGCAAGGATGCTCGGTGAACCCAGAGAGCCA 780
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841 GAAGCCATGTTAAACATCACTGCTCAACATCAAGAGGCTGTTGGCCAAACAGAGGGA 900
841 GAAGCCATGTTAAACATCACTGCTCAACATCAAGAGGCTGTTGGCCAAACAGAGGGA 900
901 TCTGATTTGAATGGAACAATTTCAATAGATGCTATGCTGATGCTGAGAGGCTAGA 960
901 TCTGATTTGAATGGAACAATTTCAATAGATGCTATGCTGATGCTGAGAGGCTAGA 960
961 GGGTCTCTTCAACATTAATCCGATGATGCCATGATGATGAAATTTCTGATGCTAT 1020
961 GGGTCTCTTCAACATTAATCCGATGATGCCATGATGATGAAATTTCTGATGCTAT 1020
1021 TATGAACATGAGAGATTAATAGTGTTCAGAGTGTCAAGAGGTTTCCAGGAGATGAGACC 1080
1021 TATGAACATGAGAGATTAATAGTGTTCAGAGTGTCAAGAGGTTTCCAGGAGATGAGACC 1080
1081 CCCCAGGCCCCCTCCAGAGTGAAGAAATTTCTGCTGATCTCTGAAAGTCCCTTCACTGC 1140
1081 CCCCAGGCCCCCTCCAGAGTGAAGAAATTTCTGCTGATCTCTGAAAGTCCCTTCACTGC 1140
1141 TCCGCTTCAAGCAATCAACCCGAGAGAGCCCAACCAAGCAAGAGCTGGCACTAGTTTGA 1200
1141 TCCGCTTCAAGCAATCAACCCGAGAGAGCCCAACCAAGCAAGAGCTGGCACTAGTTTGA 1200
1201 CCGAGCTGCTTACTGATGTCAAGAGAACTGAAACAGGCCAAGAAATTTCTGCTGCTCCT 1260
1201 CCGAGCTGCTTACTGATGTCAAGAGAACTGAAACAGGCCAAGAAATTTCTGCTGCTCCT 1260
1261 TCCGAGCAAGCTTTGCAACGATGAGAGATGGCTGCAAGAAAGGCAATGAGATGACTG 1320

1261 TCCGAGCAAGCTTTGCAACGATGAGAGATGGCTGCAAGAAAGGCAATGAGATGACTG 1320
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1321 TTGGAAATGGGAAAGGCAAAAGCGATACCTGTTTGAAGTACAGGAAATGATAGCCAA 1380
1381 CAGAGGCAACCAACAGAGAGTCCAGGTTGACACACCAACAGAGATCACTGATCCTTGC 1440
1381 CAGAGGCAACCAACAGAGAGTCCAGGTTGACACACCAACAGAGATCACTGATCCTTGC 1440
1441 TCAATCATGCTCTCTGAGTGTGACACCAAGATGAAATGATGATGATGATGATGATG 1500
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1501 CGTGAGCTCTTGTATATCATGATGATGATGATGATGATGATGATGATGATGATGATG 1560
1501 CGTGAGCTCTTGTATATCATGATGATGATGATGATGATGATGATGATGATGATGATG 1560
1561 GTATGAGAGAGTCCCTTCAAGATGATGATGATGATGATGATGATGATGATGATGATG 1620
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1861 AAGTCTGATCTTGTCTCATCTCACTGATGATGATGATGATGATGATGATGATGATGATG 1920
1861 AAGTCTGATCTTGTCTCATCTCACTGATGATGATGATGATGATGATGATGATGATGATG 1920
1921 TTTGCTGCTCCCAACCAAGTATGATGATGATGATGATGATGATGATGATGATGATGATG 1980
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1981 TGTGCAATTTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2040
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2101 TCTTGGCAGTAAACATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2160
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RESULT 2
US-09-992-598-159
Sequence 159, Application US/09992598
Patent No. US20020160384A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerilsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C20
CURRENT APPLICATION NUMBER: US/09/392,598
PRIOR FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
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PRIOR FILING DATE: 1998-02-25
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PRIOR FILING DATE: 1998-03-20
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PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match 96.6%; Score 2095.8; DB 9; Length 2651;
Best Local Similarity 99.7%; Pred. No. 0;

Matches 2141; Conservative 0; Mismatches 2; Indels 4; Gaps 4;

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DB GTCCGCTCCAAAGGTGGGAACGCGTCCGCCGCCGCCGACACGATGACGCGTTCGCTT 515
69 GCCCGCGCTTCCTCAGCCCTGGAGTGTCTGAGCGCGCGCGTGGGTGGCGGAGCTCAA 128
DB GCCCGCGCTTCCTCAGCCCTGGAGTGTCTGAGCGCGCGCGTGGGTGGCGGAGCTCAA 575
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DB CTGCTCTCAAGAGATGAGAGAGATACAGCTGCAAGATTAAGATTTCAAAAGTGT 755
636 CTGCTCTCAAGAGATGAGAGAGATACAGCTGCAAGATTAAGATTTCAAAAGTGT 755
309 GGTGAGGCAACGATCATTCATTTCGAAGCTGTCTTTCCTTCACGTTACAGAAAGTCTGA 368

|||||
DB GGTGAGGCAACGATCATTCATTTCGAAGCTGTCTTTCCTTCACGTTACAGAAAGTTCGA 815
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369 TGAATTCCTCAAGACACTGAAATGAGAGAAATCCCTGATGTATGTTGGAA 428
DB TGAATTCCTCAAGACACTGAAATGAGAGAAATCCCTGATGTATGTTGGAA 875
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429 GACATATGGCCATTTATACATGCAAAATTTTGTACCTATTTTAAAGATCTCTGTAGATT 488
DB GACATATGGCCATTTATACATGCAAAATTTTGTACCTATTTTAAAGATCTCTGTAGATT 935
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489 GAAAGCTTACTACGTTGGGGAATGTGACCTGGAAGAAATGCTTAATGACTCTGGGC 548
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549 TGCGCTCTGAGAGGAGATGTTCCGCTGTGTAGTCCAGTACACATTTACAGATGAGTA 608
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DB ATTGAAGCTCCAGTCTACTGCTGCTTTGTAGACGCCGTACTTTCGCTCAAGCTTAGC 1175
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DB GGTTCGGGAGATGTCGCTGAGCAAGGTCCTGCTGATTAACCCACAGCCAGTGTACC 1234
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789 ATGCCCTGTGAAGATGATCTACTGCTCCACATCCCGGGGTCTGTGACTGTAAGCCAT 848
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1089 CCTTCCAGCTGAGAGATTTCTGTTTCATCTCTGAAAGTCCCTTACGTGCTGCTTCA 1148
DB CCTTCCAGCTGAGAGATTTCTGTTTCATCTCTGAAAGTCCCTTACGTGCTGCTTCA 1594
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1149 GACCATCATCCCGGAG 1208
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1209 TTACTGATGTCAAGAGAACTGAACAGCGCCAGAGAAATTTGTGCTCTCTCCGAGCA 1268
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DB ACGTTTGAAGATGAGAGATGCTGAGAGAAAGGCAATGAGAGATGAGAGATGAGAGATG 1715
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1339 GGAAGGCAAAAGCAGTACTGTTTGCAGTGAAGAGAAATGATTTAGCAACAGGCA 1388
DB GGAAGGCAAAAGCAGTACTGTTTGCAGTGAAGAGAAATGATTTAGCAACAGGCA 1834
1775
1389 ACAACCCAGAGTCCAGTGTGACACACCAAGCAAGATCTGATCTTGTGCAAAATCA 1448
DB ACAACCCAGAGTCCAGTGTGACACACCAAGCAAGATCTGATCTTGTGCAAAATCA 1448

Db	1835	ACAAACGAGGATCGACAGGTTGACACGACGAACCAAGACACTACTGATCCTTGTCAAATCA	1894
QY	1449	TGCGCTCTTCAGATGATGACCCAGACAGATGAAATGATCATACATGGGAAACGACGTGACT	1508
Db	1895	TGGCTCTTCAGATGATGACCCAGACAGATGAAATGATCATACATGGGAAACGACGTGACT	1954
QY	1509	TCTTGTATATCAGTATGAAAGATGATGGAAGAAAGTGAAGTGGCTGTGATCTACGC	1568
Db	1955	TCTTGTATATCAGTATGAAAGATGATGGAAGAAAGTGAAGTGGCTGTGATCTACGC	2014
QY	1569	AGTGCCCTTCAGAGTTTGACTACATATGCCACTGACATGCTGGGAAGATGCCAAATGAGA	1628
Db	2015	AGTGCCCTTCAGAGTTTGACTACATATGCCACTGACATGCTGGGAAGATGCCAAATGAGA	2074
QY	1629	AAGCCGACAGTGGTGGGTGCGCCGTGGGGACAGAGCCACTCCTCAGTGGCTTCTGCA	1688
Db	2075	AAGCCGACAGTGGTGGGTGCGCCGTGGGGACAGAGCCACTCCTCAGTGGCTTCTGCA	2134
QY	1689	TCCTGTTCCTGGTTATGACAGAGAGAGTGAATATCTCAAACCTGTGAGAAAAGTGT	1748
Db	2135	TCCTGTTCCTGGTTATGACAGAGAGAGTGAATATCTCAAACCTGTGAGAAAAGTGT	2194
QY	1749	CATCAAAAGCTTAAAGGCAACGATTATCACTTTCTACATCCTAGTACCTTGCTCTT	1808
Db	2195	CATCAAAAGCTTAAAGGCAACGATTATCACTTTCTACATCCTAGTACCTTGCTCTT	2254
QY	1809	TAAATGAATGAGACACATATGATAGTTTACTATGTGGCACCTGCTTAAAGAGTGTG	1868
Db	2255	TAAATGAATGAGACACATATGATAGTTTACTATGTGGCACCTGCTTAAAGAGTGTG	2314
QY	1869	ACCTTTG-TTTCTCATTCAGTTTGGGAGGAAAGGACGTGCATTTGAGTTGGTCTCGC	1927
Db	2315	ACCTTTGTTTCTCATTCAGTTTGGGAGGAAAGGACGTGCATTTGAGTTGGTCTCGC	2374
QY	1928	T-CGCCAAACCATGTTAAACGTGGCT-ACAGGTAGGTACAGAACTATAGTTAGTTGTC	1985
Db	2375	TCCGCCAAACCATGTTAAACGTGGCTAACAGGTAGGTACAGAACTATAGTTAGTTGTC	2434
QY	1986	ATTGTGATTTTATCACTCATATATTTGTTGTATGTTTCTTCATATTTGTTGTGG	2045
Db	2435	ATTGTGATTTTATCACTCATATATTTGTTGTATGTTTCTTCATATTTGTTGTGG	2494
QY	2046	TTTTTTTTTCCAACTGTATCTGCGCTGTGTTCTTACAAGCAACAGAGGTCCTTCTTG	2105
Db	2495	TTTTTTTTTCCAACTGTATCTGCGCTGTGTTCTTACAAGCAACAGAGGTCCTTCTTG	2554
QY	2106	GCAGTAAACATGATACGATTTCTGGAATTAATTAATAGCTGATACAGA	2152
Db	2555	GCAGTAAACATGATACGATTTCTGGAATTAATTAATAGCTGATACAGA	2601

RESULT 3
US-09-989-293A-159
Sequence 159, Application US/09989293A
Patent No. US20020177164A1
GENERAL INFORMATION
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Boltscheyn, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
Fong, Sherman
APPLICANT: Gerber, Hanspeter
Gertlissen, Mary E.
APPLICANT: Goddard, Audrey
Godowski, Paul J.
APPLICANT: Grimaldi, J Christopher
Gurney, Austin L.
APPLICANT: Kijavuta, Iwar J.
Napier, Mary A.
APPLICANT: Pan, James
Pacott, Nicholas F.

APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zhenli
TITLE OF INVENTION: Acids and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C6
CURRENT APPLICATION NUMBER: US/09/989,293A
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/052250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065531
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APPLICANT:	Roy, Margaret Ann
APPLICANT:	Stewart, Timothy A.
APPLICANT:	Turnas, Daniel
APPLICANT:	Watanabe, Colin K.
APPLICANT:	Williams, P. Mickey
APPLICANT:	Wood, William I.
APPLICANT:	Zhang, Zemin
TITLE OF INVENTION:	Acids secreted and Tr
TITLE OF INVENTION:	Acids Encoding
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PRIOR FILING DATE:	1998-06-09
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21	PRIOR APPLICATION NUMBER: 60/091544
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26	PRIOR FILING DATE: 1998-07-02
27	PRIOR APPLICATION NUMBER: 60/091633
28	PRIOR FILING DATE: 1998-07-02
29	PRIOR APPLICATION NUMBER: 60/091787
30	PRIOR FILING DATE: 1998-07-07
31	PRIOR APPLICATION NUMBER: 60/091982
32	PRIOR FILING DATE: 1998-07-07
33	PRIOR APPLICATION NUMBER: 60/092182
34	PRIOR FILING DATE: 1998-07-09

Query Match	96.6%;	Score 2095.8;	DB 9;	Length 2651;
Best Local Similarity	99.7%;	Pred. No. 0;		
Matches 2141; Conservative	0;	Mismatches 2;	Indels 4;	Gaps 4

OY	9	GTCCGCGTCCCAAAGGTGGGAAGGGGTCCGCGCCCGCGCCGACACATGTGGACAGGTTGGGCTT	68
Db	456	GTCCGCGTCCCAAAGGTGGGAAGGGGTCCGCGCCCGCGCCGACACATGTGGACAGGTTGGGCTT	515
OY	69	GCCCGCGCTTCTCTGCACCCCTGGCAGTGTCTACGCCCGCGCTGTGTGCTCTCCGAGCTCAA	128
Db	516	GCCCCCGCTTCTCTGCACCCCTGGCAGTGTCTACGCCCGCGCTGTGTGCTCTCCGAGCTCAA	175
OY	129	GTCCGAAAAGTGTCTCGAAGATGCGACAGCTTTTACGTGTCCAAAAGGCTTCAACAAAGACA	188
Db	576	GTCCGAAAAGTGTCTCGAAGATGCGACAGCTTTTACGTGTCCAAAAGGCTTCAACAAAGACA	635
OY	189	TGCCCGCCCTCCACGACGATCAACGGTGAATCATTTGAAGATCTGTCCCAAGGTTCTACTG	248
Db	636	TGCCCGCCCTCCACGACGATCAACGGTGAATCATTTGAAGATCTGTCCCAAGGTTCTACTG	699
OY	249	CTGCTCTCACAAGATGGAGAGAGTACAGCCCTGCAAAAGTAAACATGATTTCCAAAAGTGT	308
Db	696	CTGCTCTCACAAGATGGAGAGAGTACAGCCCTGCAAAAGTAAACATGATTTCCAAAAGTGT	755
OY	309	GGTAGCGGACAGAGTCATCATTTTGGCAAGCGTGTGTTGCTTCACAGTACAAAGAAAGTGTGA	368
Db	756	GGTAGCGGACAGAGTCATCATTTTGGCAAGCGTGTGTTGCTTCACAGTTCACAAAGAAAGTGTGA	815
OY	369	TGAATTTCTCAAGAACACTTGTGAAAAATGCGAGAGAAATCCCTGAAATGATATGTTTGTAA	428
Db	816	TGAATTTCTCAAGAACACTTGTGAAAAATGCGAGAGAAATCCCTGAAATGATATGTTTGTAA	875
OY	429	GACATATGGCCATTTATTCATGCAAAATTTTGACCTATTAAAGATGCTCTGAGAGTT	488
Db	876	GACATATGGCCATTTATTCATGCAAAATTTTGACCTATTAAAGATGCTCTCTGAGAGTT	935
OY	489	GAACGTTACTAGCTGTGTGGGAAATGTGAACCTGGAAGAAATGCTAAATGACTTCTGGGC	548

Dh	936	GAACCTTACTACGGTGGGGAATGTGAACCTGGAAACAAATGCTAAATGACTTCGGAC	995
Qy	549	TGCGCCCTCGAGAGGGAGTGTCCCGCTGGTAACCTCCAGTACACTTTACGATGAGTA	608
Dh	996	TGCGCTCTCGAGGGAGATGTTCCGCTGGTGAACCTCCAGTACACTTTACGATGAGTA	1055
Qy	609	TCTGGAATGTGTGACCAAGTATACGAGAGAGCTGAAAGCCCTTGGAGATGTCCCTGCA	668
Dh	1056	TCTGGAATGTGTGAGCAAGTATACGAGAGAGCTGAAAGCCCTTGGAGATGTCCCTGCA	1115
Qy	669	ATTGAAGCTCCAGGTTACTGTCTTTGTATACACCCGTTACTTTCCTCAAGGCTTAC	728
Dh	1116	ATTGAAGCTCCAGGTTACTGTCTTTGTATACACCCGTTACTTTCCTCAAGGCTTAC	1175
Qy	729	GGTTGGGGGAATGTCCGCTGAGCAAGTCTCCGTGGTAAACCCACAGCCCAATGAC	788
Dh	1176	GGTTGGGGGAATGTGTCTGAGCAAGTCTCCGTGGTAAACCCACAGCCCAATGAC	1234
Qy	789	ATGCGCTGTGAAAGATGTACTGTCTCCACTGCGGGGCTCTGTACTGTGAAGCAT	848
Dh	1235	ATGCGCTGTGAAAGATGTACTGTCTCCACTGCGGGGCTCTGTACTGTGAAGCAT	1294
Qy	849	GTTACCACTACAGCGCAACACATCATGAGAGGCTGTTGGCAACCAAGGGAGTCTGAT	908
Dh	1295	GTTACCACTACAGCGCAACACATCATGAGAGGCTGTTGGCAACCAAGGGAGTCTGAT	1354
Qy	909	TTCGATGGACAATTTCTATGATGTCTATGTCTATGTGTGGCAGAGAGCTTAGAGGCTT	968
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Qy	969	TCAACATTGGAATCGGCTCATGATGCCATGATGTGAATTTTCGATGCTATTATGA	1028
Dh	1415	TCAACATTGGAATCGGCTCATGATGCCATGATGTGAATTTTCGATGCTATTATGA	1474
Qy	1029	TGAGAGTAAATGTGTTCAGTGTGTCTCAAGTAAGTTTTCAGAGATGTGGACCCCAAC	1088
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Dh	1535	CCCTCCAGCTGGAGAAATTTCTGTTCATCTCTGAAAGTGCCTTCAATGTCTGTGA	1594
Qy	1149	GACCACTACGCCGAGAGAGGCCCAACACAGCAGCTGGACTAGTTTGGACCGACTGG	1208
Dh	1595	GACCACTACGCCGAGAGAGGCCCAACACAGCAGCTGGACTAGTTTGGACCGACTGG	1654
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Dh	1655	TTTACTGATGTCAAGAGAGAACTGAAACAGCCAAAGAAATTTGGTCCCTCCCTCGAGA	1714
Qy	1269	ACGTTTGCACGATGAGAGATGGCTGTGACGAAAGCGCAATGAGATGACTGTTGSAAT	1328
Dh	1715	ACGTTTGCACGATGAGAGATGGCTGTGACGAAAGCGCAATGAGATGACTGTTGSAAT	1774
Qy	1329	GGAAGAGCAAGAGTACTGTTTGGCAGTACAGGAAATGCAATAGCCAAACAGAGGA	1388
Dh	1775	GGAAGAGCAAGAGTACTGTTTGGCAGTACAGGAAATGCAATAGCCAAACAGAGGA	1834
Qy	1389	ACAACCCAGAGGTCCAGTTTGACACCAAGCAACAGATATCTATCTCTCTCTCAATTA	1444
Dh	1835	ACAACCCAGAGGTCCAGTTTGACACCAAGCAACAGATATCTATCTCTCTCTCAATTA	1894
Qy	1449	TGCGCTTTCGAGTGTATGCACGCAAGATGAAGATCATACATGTGGAAACGAGTGGACT	1508
Dh	1895	TGCGCTTTCGAGTGTATGCACGCAAGATGAAGATCATACATGTGGAAACGAGTGGACT	1954
Qy	1509	TCTTTTATTCAGTATGAAGTGTGTGAGAAAGAGTGAAGTGGCTGTGAGATATCAC	1568
Dh	1955	TCTTTTATTCAGTATGAAGTGTGTGAGAAAGAGTGAAGTGGCTGTGAGATATCAC	2014
Qy	1569	AGTGGCCCTTCAGATTTTACTATCAATGTCCACTGTCTGTGGAAAGTGTCCATGAGA	1622
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QY	1629	AAGCGACAGTCCGTCGTCCTCCCTCTGAGGACACAGGCCACCTCCATCAGTCGTCTCGA	1688
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Db	2135	TCCTGTCCTGCTATATATGACAGAGATGAGATTAATCTCAAACTCTGAGAAAAGTGT	2199
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Db	2255	TAAATGATATGACACACATGTATGACAGTTTACTATGTGGCCACGTGGTTAAGAGTGTG	2311
QY	1869	ACTTTTG-TTTTCTCATTCAGTTTGGAGGAAAAGGACACTGTGATATAGTTGGTCTGC	1922
Db	2315	ACTTTGTTTTCATTCAGTTTGGAGGAAAAGGACACTGTGATATAGTTGGTCTGC	2377
QY	1928	T-CCCCAAACCATGTAAACGTGGCT-ACAGTATGATACAGACATATAGTTAGTTGTGC	1988
Db	2375	TCCCCAAACCATGTAAACGTGGCTACAGTATGATACAGACATATAGTTAGTTGTGC	2433
QY	1986	ATTGTGATTTATACACATATATATTTGTTGTATTTTTCATTCATTGTTGTGTG	2041
Db	2435	ATTGTGATTTATACACATATATATTTGTTGTATTTTTCATTCATTGTTGTGTG	2499
QY	2046	TTTTTTTTTTCACAGTATATGTGCGCTTGTCTTTCACAGCAACACAGAGTCCCTCTTG	2100
Db	2495	TTTTTTTTTTCACAGTATATGTGCGCTTGTCTTTCACAGCAACACAGAGTCCCTCTTG	2555
QY	2106	GACAGTATACATGACGTATTTCTGAAATATTAATATAGCTGTACAGAA	2152
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RESULT 4
US-10-063-547-23
; Sequence 23, Application US/10063547
; Publication NO. US20020182638A1
GENERAL INFORMATION:
APPLICANT: Eaton, Dan L.
APPLICANT: Filvarolf, Ellen
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEICACID SEQUENCES
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P323081C1
CURRENT APPLICATION NUMBER: US/10/063,547
CURRENT FILING DATE: 2002-05-02
Price Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 323
LENGTH: 2651
TYPE: DNA
ORGANISM: Homo Sapien
US-10-063-547-23

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	Query Match	96.6%	Score 2095.8	DB 9	Length 2651
	Best Local Similarity	99.7%	Pred. No. 0		
	Matches 2141	Conservative	0	Mismatches 2	Indels 4
				Gaps	4
QY	9	GTCCGCTGCCAAGGTGGGAAACGCGTCCGCCGCCGCCGACACATGGCAGCGTTGCGCTT	68		
Db	456	GTCCGCTGCCAAGGTGGGAAACGCGTCCGCCGCCGCCGACACATGGCAGCGTTGCGCTT	515		

APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertsens, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kjaev, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P27301P161
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/09/989,735
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
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;; PRIOR FILING DATE: 1998-07-09
;;
Query Match 95.68; Score 2095.8; DB 9; Length 2651;
Best Local Similarity 99.78; Pred. No. 0;
Matches 2141; Conservative 0; Mismatches 2; Indels 4; Gaps 4;

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OY 309 GGTGACGGAACAGTGTCAATCATTTTGAAGCTGTCTTTGCTTACGTTACAGAGCTCTGA 368
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OY 729 GATTGCGGAGATGCTGAG 788
Db 1176 GATTGCGGAGATGCTGAG 1234
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Db 1235 ATGCGCTGTGAAGATGATCTGCTCCAGTCCGAGAGAGAGAGAGAGAGAGAGAGAGAG 1294
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 Qy 1689 TCTTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1748
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 Qy 1749 CATCAAAAAGTTAAAGAGCAGCTATCTCTTCTGACATCTCTGACATCTGCTGCTGCT 1808
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 Qy 1869 ACTTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1927
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 Qy 1928 T-CCCCAACCATGTTAAAGTGGCT-ACAGTGTAGTACAGAACTATGATGATGATGATG 1985
 Db 2375 TCCCCAACCATGTTAAAGTGGCT-ACAGTGTAGTACAGAACTATGATGATGATGATGATG 2434
 Qy 1986 ATTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 2045
 Db 2435 ATTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2494
 Qy 2046 TTTTTCCTCACTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 2105
 Db 2495 TTTTTCCTCACTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 2554
 Qy 2106 GCAGTAACTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 2152
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APPLICANT: Kijavir, Ivar J.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Matanabe, Colin K.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 APPLICANT: Zhang, Zemin
 TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 96.6%; Score 2095.8; DB 9; Length 2651;
Best Local Similarity 99.7%; Pred. No. 0;
Matches 2141; Conservative 0; Mismatches 2; Indels 4; Gaps 4;

QY 9 GTCCGGTCCCAAGGTGGGAGAGCGTCCGCCGCCGCCGACCATGGACAGGTGGGCTT 68
DB 456 GTCCGGTCCCAAGGTGGGAGAGCGTCCGCCGCCGCCGACCATGGACAGGTGGGCTT 515
QY 69 GCCCGCGCTTCTGACACCTGAGAGTGCCTAGCGCGCGCTGCTGCTGCCAGCTCAA 128
DB 516 GCCCGCGCTTCTGACACCTGAGAGTGCCTAGCGCGCGCTGCTGCTGCCAGCTCAA 575
QY 129 GTCCGAAGTGTGCGGAGTGGGAGCGTCTTTCCTCCAAAGCGTCCAAAGAAAGA 188
DB 576 GTCCGAAGTGTGCGGAGTGGGAGCGTCTTTCCTCCAAAGCGTCCAAAGAAAGA 635
QY 189 TCCCCCGCTCCACAGATCAACGGTGATCATTTGAAGATCTGCCAGGGTCTACCTG 248
DB 636 TCCCCCGCTCCACAGATCAACGGTGATCATTTGAAGATCTGCCAGGGTCTACCTG 695
QY 249 CTGCTCTTAAGAGATGAGAGAGAGTACAGCTGCCAAAGTAAGATGATTTCAAAGTGT 308
DB 696 CTGCTCTTAAGAGATGAGAGAGAGTACAGCTGCCAAAGTAAGATGATTTCAAAGTGT 755
QY 309 GGTGAGCGACAGTGCATATCTTGCAGGTGCTTGTCTTACGTTACAGAAAGTCTGA 368
DB 756 GGTGAGCGACAGTGCATATCTTGCAGGTGCTTGTCTTACGTTACAGAAAGTCTGA 815
QY 369 TGAATTTTCAAAAGACTACTTTGAAATGCAAGAAATCCCTAATGATATGTTTGTGA 428
DB 816 TGAATTTTCAAAAGACTACTTTGAAATGCAAGAAATCCCTAATGATATGTTTGTGA 875
QY 429 GACATATGCCCATTTATACATGCAAAATTTGAGCTATTTAAAGATCTCTGCTAGAGTT 488
DB 875 GACATATGCCCATTTATACATGCAAAATTTGAGCTATTTAAAGATCTCTGCTAGAGTT 923


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19 PRIOR FILING DATE: 1998-07-02
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25 PRIOR FILING DATE: 1998-07-09

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Query Match	96.6%	Score 2095.8	DB 9	Length 2651
Best Local Similarity	99.7%	Pred. No. 0		
Matches 214	Conservative	0	Mismatches 2	Indels 4
			Gaps	4

QY	9	GTCCGGTCCCAAGGTGGGAAGCGCTGCCCGCCCGCCGCGACATGGACGGTGGGCTT	68
Db	456	GTCCGGTCCCAAGGTGGGAAGCGCGCCCGCCCGCCGCGACATGGACGGTGGGCTT	515
QY	69	GCCCGCGCTTCTCGACACCCCTGGCACTGTGTCAAGCGCCGGGTGGGTGGTCCGAGCTCA	128
Db	516	GCCCGCGCTTCTCGACACCCCTGGCACTGTGTCAAGCGCCCGCGCTGTGGTGGCGAGCTCA	575
QY	129	GTCCGAAAAGTTGCTCGGAAGTGGCAGCTCTTTACGTGTGCCAAGGCTTCAACAGAAACA	188
Db	576	GTCCGAAAAGTTGCTCGGAAGTGGCAGCTCTTTACGTGTGTGCCAAGGCTTCAACAGAAACA	635
QY	189	TGCCCGCCCTCCAGAGATCAAGCGTATCATTTGAAGATCTGTCCCGAGGGTTCTACTGT	248
Db	636	TGCCCGCCCTCCAGAGATCAAGCGTATCATTTGAAGATCTGTCCCGAGGGTTCTACTGT	695
QY	249	CTGCTCTCAGAGATGAGAGAGAAATGACAGCTGCAAGTAAAGTATGTTCCAAAGGT	308
Db	696	CTGCTCTCAGAGATGAGAGAGAAATGACAGCTGCAAGTAAAGTATGTTCCAAAGGT	755
QY	309	GGTCAGCAAGAGAGCAATATTTGCAAGCTGTCTTTGGTTACCTTCAAGAAGTCTGA	368
Db	756	GGTCAGCAAGAGAGCAATATTTGCAAGCTGTCTTTGGTTACCTTCAAGAAGTCTGA	815
QY	369	TGAATTTCTCAAGAACTACTTGGAAATGACAGAAATCCCGAATGATATGTTGGAA	428
Db	816	TGAATTTCTCAAGAACTACTTGGAAATGACAGAAATCCCGAATGATATGTTGGAA	875
QY	429	GACATATGGCATTTATACATGCAAAATTTTGGCATTTTAAAGATCTCTTGAGATT	488
Db	876	GACATATGGCATTTATACATGCAAAATTTTGGCATTTTAAAGATCTCTTGAGATT	935
QY	489	GAAAGCTTACTACGTGGTGGGAAATGTGAACCTCGGAAGAAATGCTAAAGACTGTGGGC	548
Db	936	GAAAGCTTACTACGTGGTGGGAAATGTGAACCTCGGAAGAAATGCTAAAGACTGTGGGC	995
QY	549	TGCGCCTCCGAGAGCGATGTCCGCTCGTGAACCTCCAGTACCACTTTACAGATGAGTA	608
Db	996	TGCGCCTCCGAGAGCGATGTCCGCTCGTGAACCTCCAGTACCACTTTACAGATGAGTA	1055
QY	609	TCTGGAATGTGAGCAAGTATACGAGACAGCTGAAGCCTTGGAGATGCTCCCTGGCA	668
Db	1056	TCTGGAATGTGAGCAAGTATACGAGACAGCTGAAGCCTTGGAGATGCTCCCTGGCA	1115

OY	669	ATTAAAGCTCCAGGTTACTGCTGCTTTGGTAACAGCCGGTACTTGGCTCAAGGCTTAC	728
Db	1116	ATTAAAGCTCCAGGTTACTGCTGCTTTGGTAACAGCCGGTACTTGGCTCAAGGCTTAC	1175
OY	729	GCTTGGCGGAGATGTCCGTGAGCAAGGTCCTCGGTAAACCCACAGCCAGTGTACC	788
Db	1176	GCTTGGCGGAGATGT -CGTAGCAAGGTCTCGGTGTAAACCCACAGCCAGTGTACC	1234
OY	789	ATGCGCTGTGAAAGATGATCTACTGCTCCCACTGCCGGGGTCTGTAAGTGAAGCAT	848
Db	1235	ATGCGCTGTGAAAGATGATCTACTGCTCCCACTGCCGGGGTCTGTAAGTGAAGCAT	1294
OY	849	GTTTCACTACTGCTCAAAATCATCAGAGGCTGTTTGGGCAACCAAGGGGATTCGATT	908
Db	1295	GTTTCACTACTGCTCAAAATCATCAGAGGCTGTTTGGGCAACCAAGGGGATTCGATT	1354
OY	909	TTGAATGGAAACATTTTCATAGATGCTATGCTGATGAGTGAGAGAGCTAGAGGCTCTT	968
Db	1355	TTGAATGGAAACATTTTCATAGATGCTATGCTGATGAGTGAGAGAGGCTAGAGGCTCTT	1414
OY	969	TCAACATGATGCGGTATAGGATCCCATGGATGTGAAGTTTCTGATGCTTTTATGAACA	1028
Db	1415	TCAACATGATGCGGTATAGGATCCCATGGATGTGAAGTTTCTGATGCTTTTATGAACA	1474
OY	1029	TGCAGATTAATATGTTCAGATGCTCAGAGGTTTCCAGGATGTGAGACCCCAAGC	1088
Db	1475	TGCAGATTAATATGTTCAGATGCTCAGAGGTTTCCAGGATGTGAGACCCCAAGC	1534
OY	1089	CCCTCCCAAGCTGAGCAATTTCTGTTCCATCTCTAAAGTCCCTCAGTGTGCTGCTTCA	1148
Db	1535	CCCTCCCAAGCTGAGCAATTTCTGTTCCATCTCTAAAGTCCCTCAGTGTGCTGCTTCA	1594
OY	1149	GACCAATCACCCCGAGAGAACGCCAACACACAGCACTGGCACTAGTTTGGACCGACTGG	1208
Db	1595	GACCAATCACCCCGAGAGAACGCCAACACACAGCACTGGCACTAGTTTGGACCGACTGG	1654
OY	1209	TTACTGATGTCAAGGAGAACTGAAGACAGGCCAAAGAAATTCGTGGTCCCTCCGAGACA	1268
Db	1655	TTACTGATGTCAAGGAGAACTGAAGACAGGCCAAAGAAATTCGTGGTCCCTCCGAGACA	1714
OY	1269	ACGTTTGCACAGTATGAGAGATGAGCTCAGAGAAACGGCAATGAGATGTTGGAATG	1328
Db	1715	ACGTTTGCACAGTATGAGAGATGAGCTCAGAGAAACGGCAATGAGATGTTGGAATG	1774
OY	1329	GGAAAGCAAAAGCAGGTACTGTTTGCACTGACAGAAATGGATTAGCAACCGAGGCA	1388
Db	1775	GGAAAGCAAAAGCAGGTACTGTTTGCACTGACAGAAATGGATTAGCAACCGAGGCA	1834
OY	1389	ACAACCCAGAGGTCCAGGTTGACACAGCAACACAGACATAGTACTCTTCGTCAAATCA	1448
Db	1835	ACAACCCAGAGGTCCAGGTTGACACAGCAACACAGACATAGTACTCTTCGTCAAATCA	1894
OY	1449	TGCGCTTTCGATGTGACACAGCAAGATGAAGATGCATACAAATGGGAACGACGTGACT	1508
Db	1895	TGCGCTTTCGATGTGACACAGCAAGATGAAGATGCATACAAATGGGAACGACGTGACT	1954
OY	1509	TCTTTTATATCAGTATGAAGTATGAGAGAAAGAAATGGAAATGGCTGTGATATACAG	1568
Db	1955	TCTTTTATATCAGTATGAAGTATGAGAGAAAGAAATGGAAATGGCTGTGATATACAG	2014
OY	1569	AGTGCCTTCAAGATTGTGACTACATGCACTGCATGCTGTGGAAAGTGGCAATGAGA	1628
Db	2015	AGTGCCTTCAAGATTGTGACTACATGCACTGCATGCTGTGGAAAGTGGCAATGAGA	2074
OY	1629	AAGCCGACAGTGTGTGCTCGCTCTGGGGCACAGGCTTACCTCTCCTACTGTCTTCTGCA	1688
Db	2075	AAGCCGACAGTGTGTGCTCGCTCTGGGGCACAGGCTTACCTCTCCTACTGTCTTCTGCA	2134
OY	1689	TCTTTGTTCCGTTTATGAGAGAGAGTGGAGATTAATCTCAAACTGTGAGAAAGTGT	1748
Db	2135	TCTTTGTTCCGTTTATGAGAGAGAGTGGAGATTAATCTCAAACTGTGAGAAAGTGT	2196


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: PRIOR APPLICATION NUMBER: 60/091978
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: PRIOR APPLICATION NUMBER: 60/092182
: PRIOR FILING DATE: 1998-07-09

Query Match          96.6%; Score 2095.8; DB 9; Length 2651;
Best Local Similarity 99.7%; Pred. No. 0;
Matches 2141; Conservative 0; Mismatches 2; Indels 4; Gaps 4;

QY 9 GTCCGCTCCAAAGTGGGAGCGCTCCGCCGCCGCCGCGACGACGAGGTTGGGCTT 68
DB 456 GTCCGCTCCAAAGTGGGAGCGCTCCGCCGCCGCCGCGACGACGAGGTTGGGCTT 515
QY 69 GCCCGGCTTCTCTGCACCTGGCAGTGCCTAGCCGCCGCTGCTGCCAGCTCAA 128
DB 516 GCCCGGCTTCTCTGCACCTGGCAGTGCCTAGCCGCCGCTGCTGCCAGCTCAA 575
QY 129 GTCCAAAGTGTCTGGGAAGTGCAGCGTCTTACGTGTCGCAAGGCTTCAACAGAA 188
DB 576 GTCCAAAGTGTCTGGGAAGTGCAGCGTCTTACGTGTCGCAAGGCTTCAACAGAA 635
QY 189 TGCCCCCTCCACGAGATCAACGGTATCTTGAAGATCTGCCCCAGGTTCTACTG 248
DB 636 TGCCCCCTCCACGAGATCAACGGTATCTTGAAGATCTGCCCCAGGTTCTACTG 695
QY 249 CTCCCTCAAGAGATGAGAGAGATACAGCCCTGCAAGATGATTTCAAAAGTGT 308
DB 696 CTCCCTCAAGAGATGAGAGAGATACAGCCCTGCAAGATGATTTCAAAAGTGT 755
QY 309 GGTTCAGCAACAGTGCATCTTTGCAAGCTGCTTCTCTACGTTCAAGAAAGTCTGA 368
DB 756 GGTTCAGCAACAGTGCATCTTTGCAAGCTGCTTCTCTACGTTCAAGAAAGTCTGA 815
QY 369 TGAATCTTCAAGAACTCTTGAAGATGCAAGAAATCCGTAATGATTTGTTGAA 428
DB 816 TGAATCTTCAAGAACTCTTGAAGATGCAAGAAATCCGTAATGATTTGTTGAA 875
QY 429 GACATATGCCATTATACATCCAAATTTGAGCTATTTAAAGATCTCTGTAGAGTT 488
DB 876 GACATATGCCATTATACATCCAAATTTGAGCTATTTAAAGATCTCTGTAGAGTT 935
QY 489 GAAGATGTCTAGTGTGGGAAATGTGAACCTGGAAGAAATGCTAAATGACTCTGGGC 548
DB 936 GAAGATGTCTAGTGTGGGAAATGTGAACCTGGAAGAAATGCTAAATGACTCTGGGC 995
QY 549 TCGCTCTCTGAGCGGAGTGTCCGCTGGTGAAGTCCAGTACCACTTTACAGATGAGTA 608
DB 996 TCGCTCTCTGAGCGGAGTGTCCGCTGGTGAAGTCCAGTACCACTTTACAGATGAGTA 1055
QY 609 TCGGAATGTGAGAGCAATATAGAGAGTGAAGCCCTTGGAGATGTCCTCCGAA 668
DB 1056 TCGGAATGTGAGAGCAATATAGAGAGTGAAGCCCTTGGAGATGTCCTCCGAA 1115
QY 669 ATTTGAAGCTCCAGGTTACTGCTTTGTGTAGACCCGCTACTTCTCAAGGCTTAGC 728
DB 1116 ATTTGAAGCTCCAGGTTACTGCTTTGTGTAGACCCGCTACTTCTCAAGGCTTAGC 1175
QY 729 GGTTCGGGAGAGTTCGCGAGCAAGGTCCTGCTGTAAACCCACAGCCAGGTGCC 788
DB 1176 GGTTCGGGAGAGTTCGCGAGCAAGGTCCTGCTGTAAACCCACAGCCAGGTGCC 1234
QY 789 ATGCTCTGTTGAAGATGATCTAGCTCCACATGCGGAGGCTCTGCTGACTGAAGCAT 848
DB 1235 ATGCTCTGTTGAAGATGATCTAGCTCCACATGCGGAGGCTCTGCTGACTGAAGCAT 1294

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Db 2555 GCACGTACATGACGTATTCTGTAATATTAATAGCTGTACAGAA 2601

RESULT 10
US-09-993-687-159

Sequence 159, Application US/09993687
Publication No. US20020198149A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P27301C11
CURRENT FILING DATE: 2002-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
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PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

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Query Match 96.6% Score 2095.8 DB 9; Length 2651;
Beat Local Similarity 99.7% Pred. No. 0;
Matches 2141; Conservative 0; Mismatches 2; Indels 4; Gaps 4;

QY 9 GTCCGGTCCCAAGGTGGAAGCGTCCGCCGCCGCCGACCATGGACAGGGTGGGCTT 68
Db 456 GTCCGGTCCCAAGGTGGAAGCGTCCGCCGCCGCCGACCATGGACAGGGTGGGCTT 515

QY 69 GCCCGCGCTTCTGCAACCTGGAAGTGTCAAGCGCGCGCTGCTGGTGGCCGAGCTCAA 128
Db 516 GCCCGCGCTTCTGCAACCTGGAAGTGTCAAGCGCGCGCTGCTGGTGGCCGAGCTCAA 575

QY 129 GTCCAAAGTGTGTCGAGAGTGCAGCGCTTTTACGTGTCCAAAGGCTTCAACAAGACA 188

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576 GTCCAAAGTGTGTCGAGAGTGCAGCGCTTTTACGTGTCCAAAGGCTTCAACAAGACA 635
QY 189 TGCCCCCTCCAGAGATCAAGGTGATCATTTGAAAGATCTGTCCCGAGGTTTACCTG 248
Db 636 TGCCCCCTCCAGAGATCAAGGTGATCATTTGAAAGATCTGTCCCGAGGTTTACCTG 695
QY 249 CTGCTCTCAAGAGATGAGAGAGATGACAGCTGCAAGATTAAGATTTCAAAAAGT 308
Db 636 CTGCTCTCAAGAGATGAGAGAGATGACAGCTGCAAGATTAAGATTTCAAAAAGT 755
QY 309 GGTGAGGAAAGTGCATATTTGCAAGCTGTCTTGGCTTACCTGACAGAAAGTGA 368
Db 756 GGTGAGGAAAGTGCATATTTGCAAGCTGTCTTGGCTTACCTGACAGAAAGTGA 815
QY 369 TGATTTCTCAAGAACTACTTGAATGAAATCCCGAATGATGATTTGTTGA 428
Db 816 TGATTTCTCAAGAACTACTTGAATGAAATCCCGAATGATGATTTGTTGA 875
QY 429 GACATATGCGCAATTTATACATGCAAAATTTGAGCTATTTAAAGTCTTCTAGAGTT 488
Db 876 GACATATGCGCAATTTATACATGCAAAATTTGAGCTATTTAAAGTCTTCTAGAGTT 935
QY 489 GAAAGTACTAGTGGTGGGAAATGGAACCTGGAAGAAATGCAATTAATGACTTGTGGC 548
Db 936 GAAAGTACTAGTGGTGGGAAATGGAACCTGGAAGAAATGCAATTAATGACTTGTGGC 995
QY 549 TCGCTCTCTGAGCGGATGTTCCGCTGTGAATCCGACGATCACTTACAGATGATA 608
Db 996 TCGCTCTCTGAGCGGATGTTCCGCTGTGAATCCGACGATCACTTACAGATGATA 1055
QY 609 TCTGATGTGTGAGCAAGTATACGAGAGAGTGAACCCCTGAGAGATGTCCTGCGCA 668
Db 1056 TCTGATGTGTGAGCAAGTATACGAGAGAGTGAACCCCTGAGAGATGTCCTGCGCA 1115
QY 669 ATTAAGCTCAGATCTACGCTGCTTTTACAGCCGCTATTGCTGCAAGGCTTACG 728
Db 1116 ATTAAGCTCAGATCTACGCTGCTTTTACAGCCGCTATTGCTGCAAGGCTTACG 1175
QY 729 GGTGTGCGGAGATGTCCGTGAGCAAGGTCTCCGTGTAAACCCACAGCCAGTGTACC 788
Db 1176 GGTGTGCGGAGATGTCTGTGAGCAAGGTCTCCGTGTAAACCCACAGCCAGTGTACC 1234
QY 789 ATGCGCTGTGAAGATGATGATCTGCTCCAGCTGCGGGGTGTGCTGATGAAAGCAT 848
Db 1235 ATGCGCTGTGAAGATGATGATCTGCTCCAGCTGCGGGGTGTGCTGATGAAAGCAT 1294
QY 849 GTTCAACTACTGCTCAAAATCATGATGAGAGCTGTTGGCCACCAAGGATCTCGATT 908
Db 1295 GTTCAACTACTGCTCAAAATCATGATGAGAGCTGTTGGCCACCAAGGATCTCGATT 1354
QY 909 TTGAATGGAACAATTTCAATGATGATGATGATGATGATGATGATGATGATGATGAT 968
Db 1355 TTGAATGGAACAATTTCAATGATGATGATGATGATGATGATGATGATGATGATGAT 1414
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Db	1655	TTATCGATGTGCAAGSAGCAAACTGAACACAGCCACAGAAATTCCTGGTCTCCCTCCGACCA	1714
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Db	1715	ACGTTTGGCAAGATGAGAGATGGCTGCAAGCAAAACGGCAATGAGATGACTGTTGGAATG	1774
Qy	1329	GGAAAGCCAAAAGCAGGTACCTGTTTGCAGTGCACGSAATAATGATTAAGCCAAACCGAGGCA	1388
Db	1775	GGAAAGCCAAAAGCAGGTACCTGTTTGCAGTGCACGSAATAATGATTAAGCCAAACCGAGGCA	1834
Qy	1389	ACAAACCCAGAGAGTCCAGGTTGAGACACGAGCAACCGACATACGTATGATTCCTTGGCAATCA	1448
Db	1835	ACAAACCCAGAGTCCAGGTTGAGACACGAGCAACCGACATACGTATGATTCCTTGGCAATCA	1894
Qy	1449	TGGCTCTTCGAGTGTATGATCCAGCAGAGATGAGAAATGCATACATGGGAACGACGTGACCT	1508
Db	1895	TGGCTCTTCGAGTGTATGATCCAGCAGAGATGAGAAATGCATACATGGGAACGACGTGACCT	1954
Qy	1509	TCCTTGTATATCAAGTATGATGAAGAATGATGAGAAAGAGTGAAGTGGCTGTGAGTATCAGC	1568
Db	1955	TCCTTGTATATCAAGTATGATGAAGAATGATGAGAAAGAGTGAAGTGGCTGTGAGTATCAGC	2014
Qy	1569	AGTGGCCCTTCAGAGATTTGATACAAATGACACATGACATGCTGGGAAAGAGTGCATGAGA	1628
Db	2015	AGTGGCCCTTCAGAGATTTGATACAAATGACACATGACATGCTGGGAAAGAGTGCATGAGA	2074
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Db	2075	AAGCCGACAGTGTGTGTGTCCTCGTCTGGGGCACAGCCCTACCTCTCTGACTGTCTTGCA	2134
Qy	1689	TCCTTGTCTCGTGTATGCAGAGAGAGTGGAGATTAATTTCTCAACTCTGAGAAAAAGTCTT	1748
Db	2135	TCCTTGTCTCGTGTATGCAGAGAGAGTGGAGATTAATTTCTCAACTCTGAGAAAAAGTCTT	2194
Qy	1749	CATCAAAAAGTTAAAAAGGACACAGTATACATTTCTACACCTCCATGTAAGTCTGCTTT	1808
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Qy	1809	TAAATGATGACACAACATGTACAGTTTACTATGTGGCAGCTGTTTAAGAGTGTCTG	1868
Db	2255	TAAATGATGACACAACATGTACAGTTTACTATGTGGCAGCTGTTTAAGAGTGTCTG	2314
Qy	1869	ACTTTTG-TTTCATCATCAGTTTGGGAGGAAAGAGAGATGTGCATTTGAGTTGGTTCTCTG	1927
Db	2315	ACTTTTGTTTCATTCAGTTTGGGAGGAAAGAGAGATGTGCATTTGAGTTGGTTCTCTG	2374
Qy	1928	T-CGCCAAACCAATGTAAAGTGGGCT-ACAGTGTGAGACAGAACTATAGTATGTTGGC	1985
Db	2375	TCCGCCAAACCAATGTAAAGTGGGCTTAAAGTGTGAGACAGAACTATAGTATGTTGGC	2434
Qy	1986	ATTGTGATTTATACCTCTATTAATTTGTTGTATGTTTTTTCTCATTTTCATTTGTTGGG	2045
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Qy	2046	TTTTTTTTTCCAACTGTGATCTGCGCTTTTCTTACAAACCAACGAGGTCCCTCTCTTG	2105
Db	2495	TTTTTTTTTCCAACTGTGATCTGCGCTTTTCTTACAAACCAACGAGGTCCCTCTCTTG	2554
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RESULT 11			
US-09-989-734-159			
: Sequence 159, Application US/09989734			
: Publication No. US2003003531A1			
: GENERAL INFORMATION:			
: APPLICANT: Ashkenazi, Avi J.			
: APPLICANT: Baker, Kevin P.			
: APPLICANT: Bostein, David			
: APPLICANT: Desnoyers, Luc			
: APPLICANT: Eaton, Dan L.			

APPLICANT:	Ferrara, Napoleone
APPLICANT:	Fong, Sherman
APPLICANT:	Gerber, Hanspeter
APPLICANT:	Gertlisen, Mary E.
APPLICANT:	Goddard, Audrey
APPLICANT:	Godowsky, Paul J.
APPLICANT:	Grimaldi, J. Christopher
APPLICANT:	Gurney, Austin L.
APPLICANT:	Klavin, Ivar J.
APPLICANT:	Napier, Mary A.
APPLICANT:	Pan, James
APPLICANT:	Paoni, Nicholas F.
APPLICANT:	Roy, Margaret Ann
APPLICANT:	Stewart, Timothy A.
APPLICANT:	Tumas, Daniel
APPLICANT:	Watanabe, Colin K.
APPLICANT:	Williams, P. Mickey
APPLICANT:	Wood, William I.
APPLICANT:	Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic	
FILE OF INVENTION: Acids Encoding the Same	
FILE REFERENCE: P27301PC64	
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PRIOR FILING DATE: 1998-06-24	PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24	PRIOR APPLICATION NUMBER: 60/090444

	Query Match	Best Local Similarity	Matches 2141:	Conservative	0: Mismatches	2: Indels	4: Gaps
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0y	456 GTCCGGTCCCAAAAGTTGGGAACGCTGCGCCGCCGCCGCAACATGGCACAGGTTGGGCTT 515	99.7%;	Pred. No. 0;				
0y	69 GCCCGGCTTCTCTGCAACCGTGGCACTGTCTAGCGCGCGCGCTGCGTGGTGGCCGAGCTCA 128						
0y	516 GCCCGGCTTCTCTGCAACCGTGGCACTGTCTAGCGCGCGCGCTGCGTGGTGGCCGAGCTCA 575						
0y	129 GTCAAAAGTTGCTCGGAAGTGGGACGCTTTTAACTGTCTCAAAAGCTTCAACAAGAACGA 188						
0y	576 GTCAAAAGTTGCTCGGAAGTGGGACGCTTTTAACTGTCTCAAAAGCTTCAACAAGAACGA 655						
0y	189 TGCCCCCTCTCAGACATCAACGGTATCATTTGAAGATCTGTGCCCAAGGTTCTACTG 248						
0y	636 TGCCCCCTCTCAGACATCAACGGTATCATTTGAAGATCTGTGCCCAAGGTTCTACTG 695						
0y	249 CTGCTCTCAAGACATGAGAGCAAGTACACCTGCAAGTAAAGATATTTCAAAAGTGT 308						
0y	696 CTGCTCTCAAGACATGAGAGCAAGTACACCTGCAAGTAAAGATATTTCAAAAGTGT 755						
0y	309 GGTTCAGGAACATGCAATCATTTTGCAGAGCTGCTTTGCTTACAGTTACAAAGATCTGA 368						

Db	756	GGTCAGCAACAGTCGCAATCATTTTGCAAAGCTGTCTTTGCTTCACGTTACAGAAAGTTTGA	815
Qy	369	TGAATTCCTCAAGAACTACTTGAAAAATGCAGAAAAATCCCTGATGATATGTTGTGA	428
Db	816	TGAAATCTTCAAGAACTACTTGAAAAATGCAGAAAAATCCCTGATGATATGTTGTGA	875
Qy	429	GACATATGGCATTTATACATGCAAAAATTTTGGAGTATTTAAAGATCTCTTCTAGAGTT	488
Db	876	GACATATGGCATTTATACATGCAAAAATTTGAGATATTTAAAGATCTCTTCTAGAGTT	935
Qy	489	GAACGTTACTACGTGGTGGAAAAATGTACACCTGGAGAAAAATGCTAAATACCTTGGGC	548
Db	936	GAACGTTACTACGTGGTGGAAAAATGTACACCTGGAGAAAAATGCTAAATACCTTGGGC	995
Qy	549	TCGCGCTCTGGAGCGGATGTTCCGCTGGTGAATCCGATGACACTTTACAGATGAGTA	608
Db	996	TCGCGCTCTGGAGCGGATGTTCCGCTGGTGAATCCGATGACACTTTACAGATGAGTA	1055
Qy	609	TCGTGAATGTGAGGAAGTATACGAGAGAGCTGAAAGCCCTTCGGAATGTCCTCGCAA	668
Db	1056	TCGTGAATGTGAGGAAGTATACGAGAGAGCTGAAAGCCCTTCGGAATGTCCTCGCAA	1115
Qy	669	ATTGAAGCTCCAGGTTACTGTGTCTTTGTAGACCCGTACTTTCCGCTCAAGCTTAGC	728
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Qy	729	GGTTGGCGGAGATGTCGCGAGAGAAAGGTCCGCTGTTAAACCCACAGCCAGTGTAACC	788
Db	1176	GGTTGGCGGAGATGTCGCGAGAGAAAGGTCCGCTGTTAAACCCACAGCCAGTGTAACC	1234
Qy	789	ATGCGCTGTGGAAGATGATCTACTGCTCCACATGCCGGGGGTCTGTGACTGTGAAGCAT	848
Db	1235	ATGCGCTGTGGAAGATGATCTACTGCTCCACATGCCGGGGGTCTGTGACTGTGAAGCAT	1294
Qy	849	GTTACACTACTCTCTCAAAATCATAGAGAGGCTGTTTGGCCAAACCAAGGGGATCTGATT	908
Db	1295	GTTACAACTCTCTCAAAATCATAGAGAGGCTGTTTGGCCAAACCAAGGGGATCTGATT	1354
Qy	909	TTGATGTGAACAAATTTCTATGATGCTATGCTATGATGGTGACAGAGGCTTAGAGGGTCTT	968
Db	1355	TTGATGTGAACAAATTTCTATGATGCTATGCTATGATGGTGACAGAGGCTTAGAGGGTCTT	1414
Qy	969	TCAACATTGAATGGGTATGATGATGCCATGCCATGATGTAAGATTTCTGTATGCTATATGAACA	1028
Db	1415	TCAACATTGAATGGGTATGATGATGCCATGCCATGATGTAAGATTTCTGTATGCTATATGAACA	1474
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Db	1475	TGCAGGATTAATAGTTCAGATGCTCTCAAGAAGTTCACAGGAGTGTGGACCCGCCAAGC	1534
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Db	1535	CCCTCCAGCTGGACGAATTTCTGTTCATCTCTGAAGTGCCTTCAGTGTCTGCTTCA	1594
Qy	1149	GACCAATCAATCCCGAGAGAACGCCCAACAAGAGCTGGCACTGTTTGGACCGCATGG	1208
Db	1595	GACCAATCAATCCCGAGAGAACGCCCAACAAGAGCTGGCACTGTTTGGACCGCATGG	1654
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Db	1655	TTACTGATGTCAAGGAGAAACTGAACAGCGCAAGAAATTCGTGCTCTCCCTCGAGACA	1714
Qy	1269	ACGTTTGCACGATGAGAGATGGCTGACAGAAACGGCAATGAGATGACTGTGTGGAATG	1328
Db	1715	ACGTTTGCACGATGAGAGATGGCTGACAGAAACGGCAATGAGATGACTGTGTGGAATG	1774
Qy	1329	GGAAGGCAAAAGAGAGTACTGCTGTTTGCATGACAGAAATGGAATGGAATGCAACAGGGCA	1388
Db	1775	GGAAGGCAAAAGAGAGTACTGCTGTTTGCATGACAGAAATGGAATGGAATGCAACAGGGCA	1834
Qy	1389	ACAAACCAAGAGTCCAGTTTGACACAGCAAAACGACATACGATCTTCTGCTAAATCA	1448
Db	1835	ACAAACCAAGAGTCCAGTTTGACACAGCAAAACGACATACGATCTTCTGCTAAATCA	1894

QY	1449	TGGTCTCTTCAGTAGAGTACCAGCAGATGAAAGATGCATTACATGGAAGCAGCTGGACT	1508
Db	1895	TGGTCTCTTCAGTAGAGTACCAGCAGATGAAAGATGCATTACATGGAAGCAGCTGGACT	1954
QY	1509	TCCTTGAATACAGTGAATGAAGTACGTGGAAAGGAAGTGGAAAGTCCGTGAGTATCAGC	1568
Db	1955	TCCTTGAATACAGTGAATGAAGTACGTGGAAAGGAAGTGGAAAGTCCGTGAGTATCAGC	2014
QY	1569	AGTGCCTTCAGAGTTTGAATGATACAAATGCCACTGACATGCTGGGAAGAGTCCCAATGAGA	1628
Db	2015	AGTGCCTTCAGAGTTTGAATGATACAAATGCCACTGACATGCTGGGAAGAGTCCCAATGAGA	2074
QY	1629	AAGCCGACAGTGGCTGGTCCGCTCTGGGGACAGGCGCTACTCCTCACTGTCTTTCGCA	1688
Db	2075	AAGCCGACAGTGGCTGGTCCGCTCTGGGGACAGGCGCTACTCCTCACTGTCTTTCGCA	2134
QY	1689	TCCTTGTCTCCGTGATTATGCAGAGAGTGGAGATTAATTCCAACTCTGAGAAAAAGTGT	1748
Db	2135	TCCTTGTCTCCGTGATTATGCAGAGAGTGGAGATTAATTCCAACTCTGAGAAAAAGTGT	2194
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QY	1809	TAAATGAATGACACAAATGATACAGTTTTTACTATGTGGCCACTGGTTTAAAGAACTGTG	1868
Db	2255	TAAATGAATGACACAAATGATACAGTTTTTACTATGTGGCCACTGGTTTAAAGAACTGTG	2314
QY	1869	ACTTGTG-TTGTCTCATAGTTTTTGGGAGGAAAAAGGACCTGTGCATGTAGTTGGTTCCTGC	1927
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QY	1928	T-CCCCAAACCATTTTAAAGCTGGCT-ACAGTGTAGTACAGAACTATAGTTAGTTGGC	1985
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QY	2046	TTTTTTTTTCCACTGTGATCTGCCTTGTGTTCTTACAAGCAAAACCGAGGTCCTTCTTG	2105
Db	2495	TTTTTTTTTCCACTGTGATCTGCCTTGTGTTCTTACAAGCAAAACCGAGGTCCTTCTTG	2554
QY	2106	GCACGTACATGTAAGTATTTCTGAATATTATAATAGCTGTACAGAA	2152
Db	2555	GCACGTACATGTAAGTATTTCTGAATATTATAATAGCTGTACAGAA	2601
RESULT 12			
US-09-997-653-159			
Sequence 159, Application US/09997653			
Publication No. US2003008297A1			
GENERAL INFORMATION:			
APPLICANT: Ashkenazi, Avi J.			
APPLICANT: Baker, Kevin P.			
APPLICANT: Botstein, David			
APPLICANT: Desnovers, Luc			
APPLICANT: Eaton, Dan L.			
APPLICANT: Ferrara, Napoleone			
APPLICANT: Fong, Sherman			
APPLICANT: Gerber, Hanspeter			
APPLICANT: Gerritsen, Mary E.			
APPLICANT: Goddard, Audrey J.			
APPLICANT: Grimaldi, J. Christopher			
APPLICANT: Gurney, Austin L.			
APPLICANT: Kijavini, Ivar J.			
APPLICANT: Napier, Mary A.			
APPLICANT: Pan, James			
APPLICANT: Paoni, Nicholas F.			
APPLICANT: Roy, Margaret Ann			

APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P27301C38
CURRENT APPLICATION NUMBER: US/09/997,653
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
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PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
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PRIOR APPLICATION NUMBER: 60/083322
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PRIOR APPLICATION NUMBER: 60/087106
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PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match          96.6%; Score 2095.8; DB 9; Length 2651;
Best Local Similarity 99.7%; Pred. No. 0;
Matches 2141; Conservative 0; Mismatches 2; Indels 4; Gaps 4;

QY 9 GTCCGGTCCCAAGTGGGAACGCTCCGCCCCCGCCGCCACCAATGCGACGGTTCGGCTT 68
DB 456 GTCCGGTCCCAAGTGGGAACGCTCCGCCCCCGCCGCCACCAATGCGACGGTTCGGCTT 515
QY 69 GCCCGCGTTCCTGCTGACCTGCGAGTGTCTAGCGCCGCGTGTGCTGCTGCCAGCTCAA 128
DB 516 GCCCGCGTTCCTGCTGACCTGCGAGTGTCTAGCGCCGCGTGTGCTGCTGCCAGCTCAA 575
QY 129 GTCCGAAAGTGTCTGGAAGTCCGACGCTTTTACGTCTCAAAAGCTTCAACAAGAAAGA 188
DB 576 GTCCGAAAGTGTCTGGAAGTCCGACGCTTTTACGTCTCAAAAGCTTCAACAAGAAAGA 635
QY 189 TCCCCCTCCACGAGATCAACGGTGATCATTTGAAGATCTGCTCCCGAGGGTTCTACCTG 248
DB 636 TCCCCCTCCACGAGATCAACGGTGATCATTTGAAGATCTGCTCCCGAGGGTTCTACCTG 695
QY 249 CTGCTCTCAAGAGATGAGAGAGAGTACAGCTTCGAAAGTAAATGATTTTCAAAAGTGT 308
DB 696 CTGCTCTCAAGAGATGAGAGAGAGTACAGCTTCGAAAGTAAATGATTTTCAAAAGTGT 755
QY 309 GGTACGCAAGAGTCAATTCATTTGCAAGCTGTCTTCTGCTCAGTTTACAGAAAGTCTGA 368
DB 756 GGTACGCAAGAGTCAATTCATTTGCAAGCTGTCTTCTGCTCAGTTTACAGAAAGTCTGA 815
QY 369 TGAATTTCTTCAAGAACTACTTGAAGATGCAAGAAATCCCTGAATGATATGTTTGAA 428
DB 816 TGAATTTCTTCAAGAACTACTTGAAGATGCAAGAAATCCCTGAATGATATGTTTGAA 875
QY 429 GACATATGGCCATTTATCATGCAAAATTTTAAAGTCTCTTCTGAGATT 488
DB 876 GACATATGGCCATTTATCATGCAAAATTTTAAAGTCTCTTCTGAGATT 935
QY 489 GAAAGTGTACTAGTGTGTGGGAAATGTGAACCTGGAAGAAATGCTAAATGACTTCTGGCC 548
DB 936 GAAAGTGTACTAGTGTGTGGGAAATGTGAACCTGGAAGAAATGCTAAATGACTTCTGGCC 995

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QY 549 TCGCCTCTGAGCGGAGATGTTCCGCTGTGTGAAGTCCAGTACCTTTACAGATGAGTA 608
DB 996 TCGCCTCTGAGCGGAGATGTTCCGCTGTGTGAAGTCCAGTACCTTTACAGATGAGTA 1055
QY 609 TCTGGAATGTGAGCAAGATATACGAGACAGTCAAGAGCCCTTGGAGATGTCCCTGCAA 668
DB 1056 TCTGGAATGTGAGCAAGATATACGAGACAGTCAAGAGCCCTTGGAGATGTCCCTGCAA 1115
QY 669 ATTGAAGTCCAGGTTACTGCTGTTTGTAGACAGCCCGTACTTTCCTCAAGGCTTAGC 728
DB 1116 ATTGAAGTCCAGGTTACTGCTGTTTGTAGACAGCCCGTACTTTCCTCAAGGCTTAGC 1175
QY 729 GGTGGGGAGATGTCCGAGAGCAAGGTCCTCGAGTAAACCCACAGCCAGGTACCC 788
DB 1176 GGTGGGGAGATGTCCGAGAGCAAGGTCCTCGAGTAAACCCACAGCCAGGTACCC 1234
QY 789 ATGCCCTGTTGAAGATGATCTACTGCTCCACATGCGCGGGTCTCTGTACTGTGAAGCAT 848
DB 1235 ATGCCCTGTTGAAGATGATCTACTGCTCCACATGCGCGGGTCTCTGTACTGTGAAGCAT 1294
QY 849 GTTACACATGCTGCTCAAAACATCATGAGAGGCTGTTGGCCAAAGGGGATGCTGATT 908
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DB 1715 ACGTTTGAAGATGAGAGATGGCTGCAAGAAAGCGCAATGAGATGATGTTGAAATG 1774
QY 1329 GGAAGAGCAAAAGCAAGGTGCTGTTGCAAGTGAAGAAATGGAATTTACCAAGCGGCA 1388
DB 1775 GGAAGAGCAAAAGCAAGGTGCTGTTGCAAGTGAAGAAATGGAATTTACCAAGCGGCA 1834
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DB 1835 ACAACCCAGAGTCCAGGTTGACACACAGCAACAGACATGCTGCTGCTGCTGCTGCTGCT 1894
QY 1449 TGGCTCTGAGATGAGACACAGCAAGATGGAAGAAATGCAATGGAAGGAAGAGCTGACT 1508
DB 1895 TGGCTCTGAGATGAGACACAGCAAGATGGAAGAAATGCAATGGAAGGAAGAGCTGACT 1954
QY 1509 TCTTTGATATCAGTATGAAAGTATGAGAAAGAAAGTGAAGTGTGCTGATGATGATGAC 1568
DB 1955 TCTTTGATATCAGTATGAAAGTATGAGAAAGAAAGTGAAGTGTGCTGATGATGATGAC 2014
QY 1569 AGTGCCCTTCAAGATTTGATGCTCAATGACACTGACATGCTGGGAAGAGTCCCATGAGA 1628
DB 2015 AGTGCCCTTCAAGATTTGATGCTCAATGACACTGACATGCTGGGAAGAGTCCCATGAGA 2074

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QY 1629 AACCCAGAGTCTGTGTCCTGCTGGGGACAGAGCCCTACCTCTCACTGCTTCTGCA 1688
DB 2075 AAGCCGACAGTGTGTGTCCTGCTGGGGACAGAGCCCTACCTCTCACTGCTTCTGCA 2134
QY 1689 TCTGTGCTGCTGTATGACAGAGAGTGAATTAATTTCTCAACTCTGAGAAAAAGTCTT 1748
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QY 1749 CATCAAAAAGTTAAAAAGGACAGTATACCTTTCTACCACTCTAGTACCTTGTCTT 1808
DB 2195 CATCAAAAAGTTAAAAAGGACAGTATACCTTTCTACCACTCTAGTACCTTGTCTT 2254
QY 1809 TAAATGAATGACAACTATGACATTTTACTATGTGCGCACTGTTTAAAGAGTCTG 1868
DB 2255 TAAATGAATGACAACTATGACATTTTACTATGTGCGCACTGTTTAAAGAGTCTG 2314
QY 1869 ACTTTG-TTCTCATTTAGTTTGGAGAGAAAAAGGACTGTGCAATGAGTGTCTCTG 1927
DB 2315 ACTTTGTTTCTCATTTAGTTTGGAGAGAAAAAGGACTGTGCAATGAGTGTCTCTG 2374
QY 1928 T-CGCCAAACGATTTAAACCGTGT-ACAGTGTAGTACAGAACTATAGTACTGTGCG 1985
DB 2375 TCCGCCAAACGATTTAAACCGTGTACAGAGTATAGTACTGTGCG 2434
QY 1986 ATTTGTGATTTATGACCTATTAATTTGTATGTTTCTCATTTGCTTGTGCG 2045
DB 2435 ATTTGTGATTTATGACCTATTAATTTGTATGTTTCTCATTTGCTTGTGCG 2494
QY 2046 TTTTTCCTCAAGTGTGTCGCTGTTTCTTACAGAAACGAGGCTTCTGTG 2105
DB 2495 TTTTTCCTCAAGTGTGTCGCTGTTTCTTACAGAAACGAGGCTTCTGTG 2554
QY 2106 GCACGTAACTGTACGTATTTCTGAAATATTAAATAGCTGTACAGAA 2152
DB 2555 GCACGTAACTGTACGTATTTCTGAAATATTAAATAGCTGTACAGAA 2601

RESULT 13
US-10-174-590-135
Sequence 135, Application US/10174590
Publication No. US20030008352A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Matenabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zhen
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1C42
CURRENT APPLICATION NUMBER: US/10/174,590
PRIORITY FILING DATE: 2002-06-18
Prior application removed - See file wrapper or Palm
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 135
LENGTH: 2651
TYPE: DNA
ORGANISM: Homo Sapien
US-10-174-590-135

Query Match 96.6%; Score 2095.8; DB 9; Length 2651;
Best Local Similarity 99.7%; Pred. No. 0;
Matches 2441; Conservative 0; Mismatches 2; Indels 4; Gaps 4;

QY 9 GTCCGCTCCCAAGAGTGGAGAGCGTCCGCCGCCGCCGACCACTGACGCTTGGCTT 68
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DB 516 GCCCGGCTTCCTGACACCTGGACGTGTACAGCGCGCGCGTGGCTGCGGACGTCAA 575
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QY 909 TTGAATGGAACAATTTCTATAGTATGATGATGATGATGATGATGATGATGATGATGAT 968
DB 1355 TTGAATGGAACAATTTCTATAGTATGATGATGATGATGATGATGATGATGATGATGAT 1414
QY 969 TCAACATTTGAATCGGTATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1028
DB 1415 TCAACATTTGAATCGGTATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1474
QY 1029 TGCAGATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1088
DB 1475 TGCAGATTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1534
QY 1089 CCTTCGAGCTGAGAGAAATTTCTGTTCCATCTGTGAAGAGTCCCTTCAAGTCTGCTTCA 1148
DB 1535 CCTTCGAGCTGAGAGAAATTTCTGTTCCATCTGTGAAGAGTCCCTTCAAGTCTGCTTCA 1594

GenCore version 5.1.4_p5_4578
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: May 15, 2003, 12:48:27 ; Search time 65.0584 Seconds
(without alignments)
8324.688 Million cell updates/sec

Title: US-09-895-298A-11

Perfect score: 1766
Sequence: 1 acgggggagcttaangggaaa.....ccanattacgctgagcgtt 1766

Scoring table: IDENTITY_MDC
Gapop 10.0 ; Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_NA:*
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4: /cgn2_6/ptodata/1/ina/6B.COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PTUS.COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfillseq1.seq:*

*Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	66	3.7	3349	2	US-08-920-234-1
2	55	3.1	2205	3	US-08-888-077A-41
3	54.2	3.1	944	4	US-09-227-357-122
4	51.6	2.9	2460	4	US-08-964-127-1
5	51.6	2.9	2460	4	US-09-496-692-1
6	51.2	2.9	2295	2	US-08-842-842-6
7	51.2	2.9	2295	4	US-09-052-521C-1
8	50.6	2.9	1841	4	US-09-053-374A-1
9	49.2	2.8	2260	2	US-08-788-750-1
10	48	2.7	2581	2	US-09-013-634-1
11	48	2.7	3459	2	US-08-980-060-3
12	48	2.7	3459	4	US-09-307-185-3
13	47.2	2.7	1689	4	US-09-053-374A-4
14	47	2.7	3573	4	US-09-353-585-4
15	46.4	2.6	1189	4	US-09-497-779A-7
16	46	2.6	2664	4	US-09-149-476-255
17	45.6	2.6	372	2	US-08-630-822A-96
18	45.6	2.6	372	4	US-09-005-069-96
19	45.6	2.6	372	4	US-09-171-156A-45
20	45.4	2.6	3825	4	US-09-208-742-3
21	45.2	2.6	1089	4	US-09-004-731-15
22	45.2	2.6	1089	4	US-09-004-731-17
23	45.2	2.6	1089	4	US-08-749-699-15
24	45.2	2.6	1089	4	US-08-749-699-17
25	45.2	2.6	1089	4	US-09-004-729-15
26	45.2	2.6	1089	4	US-09-004-729-17
27	44.8	2.5	506	4	US-09-149-476-252

28	44.2	2.5	6152	4	US-08-973-462-1	Sequence 1, Appl
29	43.8	2.5	470	4	US-09-020-956-102	Sequence 102, App
30	43.8	2.5	470	4	US-09-030-607-102	Sequence 102, App
31	43.8	2.5	470	4	US-09-605-785-102	Sequence 102, App
32	43.8	2.5	470	4	US-09-439-313-102	Sequence 102, App
33	43.8	2.5	470	4	US-09-352-616A-102	Sequence 102, App
34	43.8	2.5	470	4	US-09-232-149A-102	Sequence 102, App
35	43.8	2.5	557	4	US-09-605-785-384	Sequence 384, App
36	43.8	2.5	557	4	US-09-439-313-384	Sequence 384, App
37	43.8	2.5	557	4	US-09-352-616A-384	Sequence 384, App
38	43.8	2.5	1191	4	US-09-282-305-13	Sequence 13, Appl
39	43.6	2.5	277	1	US-08-244-113-18	Sequence 18, Appl
40	43.6	2.5	2061	3	US-09-020-033-1	Sequence 2, Appl
41	43.6	2.5	6638	2	US-08-070-301-2	Sequence 251, App
42	43.4	2.5	1537	4	US-09-149-476-251	Sequence 1, Appl
43	43.4	2.5	1889	3	US-09-187-050-1	Sequence 5, Appl
44	43.2	2.4	1604	3	US-08-965-903B-5	Sequence 1, Appl
45	43.2	2.4	1799	4	US-09-329-633A-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-08-920-234-1
Sequence 1, Application US/08920234
Patent No. 5922546
GENERAL INFORMATION:
APPLICANT: ELITS, CATHERINE
APPLICANT: JACKSON, JEFFREY
APPLICANT: MAYER, RUTH
TITLE OF INVENTION: HUMAN DISINTEGRIN METALLOPROTEASE
TITLE OF INVENTION: RELATED TO DROSOPHILA KUZ GENE
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSER: RATNER & PRESTIA
STREET: P.O. BOX 980
CITY: VALLEY FORGE
STATE: PA
COUNTRY: USA
ZIP: 19482
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/920,234
FILING DATE: 25-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: PRESTIA, PAUL F
REGISTRATION NUMBER: 23,031
REFERENCE/DOCKET NUMBER: GH-70237
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-407-0700
TELEFAX: 610-407-0701
TELEX: 846169
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3349 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-920-234-1
Query Match 3.7%; Score 66; DB 2; Length 3349;
Best Local Similarity 73.0%; Pred. No. 1.4e-07;
Matches 84; Conservative 0; Mismatches 31; Indels 0;

NAME: CLEMS, F.R.D.; L. DEC
REGISTRATION NUMBER: P-43,567

LENGTH: 2400 base
TYPE: nucleic acid

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: COOK, ROBERT R.
REGISTRATION NUMBER: 31,602
REFERENCE/DOCKET NUMBER: A-514
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1841 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 255..1097
US-09-053-374A-1

Query Match
Best Local Similarity 70.1%; Score 50.6; DB 4; Length 1841;
Pred. No. 0.0011;
Matches 68; Conservative 0; Mismatches 29; Indels 0; Gaps 0;

Qy 1650 TAATTAGTATTAAATAGTGTATATTTCTTAAAAA
Db 1735 TTATTGCTTATTGTTTAAATATACAAATTAATTTAAATGAAAAA
Qy 1710 AAAAGGCGCGCGCTCTAGAGATCCCGGAGGAGGCC 1746
Db 1795 AAAAGGCGCGCGCTCTAGAGATCCCTCGAGGAGGCC 1831

RESULT 9
US-08-788-750-1
Sequence 1, Application US/08788750
Patent No. 5910430
GENERAL INFORMATION:
APPLICANT: Ellis, Catherine
APPLICANT: Bergsma, Derek
TITLE OF INVENTION: No. 5910430e1 G-Protein Coupled Receptor
TITLE OF INVENTION: (HTADX50)
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmltKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/788,750
FILING DATE: 24-JAN-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Han, William T
REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: ATG50048
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
TELEFAX: 610-270-4026
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2260 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-788-750-1
Query Match
Best Local Similarity 92.7%; Score 49.2; DB 2; Length 2260;
Pred. No. 0.0027;
Matches 51; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1699 AAAAAAAAAAAGGCGCGCGCTCTAGAGATCCCGGAGGAGGCCCANATT 1753
Db 2206 AAAAAAAAAAAGGCGCGCGCTCTAGAGATCCCTCGAGGAGGCCAAGCTT 2260

RESULT 10
US-09-013-634-1
Sequence 1, Application US/09013634
Patent No. 5945307
GENERAL INFORMATION:
APPLICANT: M. Alexandra Glucksmann and Keith Robinson
TITLE OF INVENTION: LIGAND RECEPTORS AND USES THEREFOR
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COOKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/013,634
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Attorney, Jean M. Silverl
REGISTRATION NUMBER: 39,030
REFERENCE/DOCKET NUMBER: MNT-036
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2581 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 184..1194
US-09-013-634-1

Query Match
Best Local Similarity 100.0%; Score 48; DB 2; Length 2581;
Pred. No. 0.006;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1688 AAAAAAAAAAAGGCGCGCGCTCTAGAGATCC 1735
Db 2494 AAAAAAAAAAAGGCGCGCGCTCTAGAGATCC 2541

RESULT 11
US-08-980-060-3
Sequence 3, Application US/08980060
Patent No. 5965421
GENERAL INFORMATION:
APPLICANT: NI, JIAN
APPLICANT: FENG, PING

APPLICANT: MUZIO, MARTA
APPLICANT: DIXIT, VISHVA M.
TITLE OF INVENTION: HUMAN IRAK-2
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 NEW YORK AVENUE, N.W., SUITE 600
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/980,060
FILING DATE: Herewith
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.1010000/EKS/AJK
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2540
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 3459 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 34..1908
US-08-980-060-3

Query Match
Best Local Similarity 2.7%; Score 48; DB 2; Length 3459;
Matches 78; Conservative 0; Mismatches .50; Indels 0; Gaps 0;

QY 1586 GATATTAACCTGTGTTAACTGATGATGATGTTGTTAGAAAGAAAGTACTATC 1645
DB 3329 GAAACAGATGCTATTTAAATTCACCTGGAGAAATATCTATTTAAAGTAACTATAGTA 3388
QY 1646 TTGTAATTAAGTATTTAAATATAGTGTATATTTTCTTAAAAAAAAAAAAAAAAAA 1705
DB 3389 ATTCTTTTATATATATAAATAATATTTTGTAAAGTCGAAAAAAAAAAAAAAAAAAAA 3448
QY 1706 AAAAAAA 1713
DB 3449 AAAAAAA 3456

RESULT 12
US-09-307-185-3
Sequence 3, Application US/09307185
Patent No. 6222019
GENERAL INFORMATION:
APPLICANT: NI, JIAN
APPLICANT: PENG, PING
APPLICANT: MUZIO, MARTA
APPLICANT: DIXIT, VISHVA M.
TITLE OF INVENTION: HUMAN IRAK-2
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
STREET: 1100 NEW YORK AVENUE, N.W., SUITE 600
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA

ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/307,185
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/980,060
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: STEFFE, ERIC K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.1010000/EKS/AJK
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 3459 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 34..1908
US-09-307-185-3

Query Match
Best Local Similarity 2.7%; Score 48; DB 4; Length 3459;
Matches 78; Conservative 0; Mismatches .50; Indels 0; Gaps 0;

QY 1586 GATATTAACCTGTGTTAACTGATGATGATGTTTGTGATGCAAGAAAGTACTATC 1645
DB 3329 GAAACAGATGCTATTTAAATTCACCTGGAGAAATATCTATTTAAAGTAACTATAGTA 3388
QY 1646 TTGTAATTAAGTATTTAAATATAGTGTATATTTTCTTAAAAAAAAAAAAAAAAAA 1705
DB 3389 ATTCTTTTATATATATAAATAATATTTTGTAAAGTCGAAAAAAAAAAAAAAAAAAAA 3448
QY 1706 AAAAAAA 1713
DB 3449 AAAAAAA 3456

RESULT 13
US-09-053-374A-4
Sequence 4, Application US/09053374A
Patent No. 6462117
GENERAL INFORMATION:
APPLICANT: YEN, KWANG-MU
TITLE OF INVENTION: MAMMALIAN BLOOD LOSS-INDUCED GENE, KD312
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: AMGEN INC.
STREET: ONE AMGEN CENTER DRIVE
CITY: THOUSAND OAKS
STATE: CA
COUNTRY: US
ZIP: 91320
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/053,374A
FILING DATE:
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: COOK, ROBERT R.
REGISTRATION NUMBER: 31,602
REFERENCE/DOCKET NUMBER: A-514
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1689 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 132..971
US-09-053-374A-4

Query Match
Best Local Similarity 86.7%; Score 47.2; DB 4; Length 1689;
Matches 52; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

OY 1676 TATATTTTCTTAAAAAAGGCGCGCTCTAGAGATCC 1735
DB 1596 TATTTTAAAAAGGCGCGCTCTAGAGATCC 1655

RESULT 14

US-09-353-585-4
Sequence 4, Application US/09353585
Patent No. 6287865

GENERAL INFORMATION:
APPLICANT: Dixon, Mark S

Jones, Jonathan DG

TITLE OF INVENTION: plant pathogen resistance genes and uses thereof

NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon & Vanderhye PC
STREET: 8th Floor, 1100 No. 6287865th Glebe Road

CITY: Arlington
STATE: Virginia

COUNTRY: United States of America
ZIP: 22201-4714

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/353,585
FILING DATE: 15-Jul-1999

CLASSIFICATION: C12N 15/29, 15/82, A01H 5/00, A01N 65/00, C12Q 1/68

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/930,277
FILING DATE: 27-Oct-1997

APPLICATION NUMBER: PCT/GB96/00785
FILING DATE: 01-Apr-1996

APPLICATION NUMBER: GB 950658.5
FILING DATE: 31-Mar-1995

ATTORNEY/AGENT INFORMATION:
NAME: Ms Mary J Wilson

REGISTRATION NUMBER: 32,955
REFERENCE/DOCKET NUMBER: 620-69

TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000

TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:
LENGTH: 3573 base pairs

TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear

MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Tomato
STRAIN: Cf2
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-353-585-4

Query Match
Best Local Similarity 66.0%; Score 47; DB 4; Length 3573;
Matches 68; Conservative 0; Mismatches 35; Indels 0; Gaps 0;

OY 1611 TGTATGATATTTTGTAGAAAGAAAGTACTATCTGTTAATTTAGTATTTAATAT 1670
DB 3463 TTTATACCTTTCTTCAGTGGGAAATGTAATTTGATGATATACATATA 3522
OY 1671 AGTGTATATTTTCTTAAAAAAGGCGCGCTCTAGAGATCC 1735
DB 3523 ATGTGTCTTTATTTGAAAAAAGGCGCGCTCTAGAGATCC 3565

RESULT 15

US-09-497-779A-7
Sequence 7, Application US/09497779A
Patent No. 6297368

GENERAL INFORMATION:
APPLICANT: DEPINHO, RONALD A.

TITLE OF INVENTION: MYC HOMOLOG REGION II - ASSOCIATED PROTEIN AND USES THEREOF

FILE REFERENCE: 96700-609
CURRENT APPLICATION NUMBER: US/09/497,779A

CURRENT FILING DATE: 2000-02-03
PRIOR APPLICATION NUMBER: US 08/946,692

PRIOR FILING DATE: 1997-10-08
NUMBER OF SEQ ID NOS: 9

SOFTWARE: Patentin version 3.0
SEQ ID NO 7

LENGTH: 1189
TYPE: DNA

ORGANISM: HUMAN
US-09-497-779A-7

Query Match
Best Local Similarity 57.6%; Score 46.4; DB 4; Length 1189;
Matches 83; Conservative 0; Mismatches 61; Indels 0; Gaps 0;

OY 1580 TGTCTGATATTTTACTCTGTTTAACTGAATGATATTTTGTAGATGAAAGT 1639
DB 1035 TGTATTAATTAATTTTCTTAAATTAATTTTATTTTACTTTGAAAGATATGT 1094

OY 1640 ACTATCTGTTAATTTAGTATTTTAAATATAGTTGATATTTTCTTAAAAA 1699
DB 1095 GAAAGTAAAGGAGATTATTGGCAGACAAATTAATTTGTAACCTCAAAAAA 1154

OY 1700 AAAAAAAGGCGCGCGC 1723
DB 1155 AAAAAAATTTGCGCGCGC 1178

Search completed: May 15, 2003, 17:10:00
JOB time : 141.058 secs

GenCore version 5.1.4.p5_4578
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OM nucleic - nucleic search, using sw model

Run on: May 15, 2003, 17:06:30 ; Search time 219.404 seconds
(without alignments)
10382.815 Million cell updates/sec

Title: US-09-895-298a-11

Perfect score: 1766
Sequence: 1 acggggcgttaanggggaa.....ccanattacgctgacgctt 1766

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 1.0

Searched: 810007 seqs, 644969091 residues

Total number of hits satisfying chosen parameters: 1620014

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database : Published Applications_NA:*

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2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq:*
7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
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9: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
10: /cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*
11: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
12: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*
13: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. NO. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	1762.6	99.8	1766	9	US-09-895-298-11	Sequence 11, Appl
2	413	23.0	421	10	US-09-880-107-1007	Sequence 1007, Appl
3	406	23.0	406	9	US-09-918-995-4777	Sequence 4777, Appl
4	346.6	19.6	482	9	US-09-736-457-1470	Sequence 1470, Appl
5	346.6	19.6	482	9	US-09-902-941-1470	Sequence 1470, Appl
6	346.6	19.6	482	9	US-09-849-626-1470	Sequence 1470, Appl
7	346.6	19.6	482	9	US-10-017-754-1470	Sequence 1470, Appl
8	316	17.9	328	9	US-09-796-692-4283	Sequence 4283, Appl
9	316	17.9	328	9	US-10-040-862-4283	Sequence 4283, Appl
10	127.8	7.2	398	10	US-09-983-965-184	Sequence 184, Appl
11	114.8	6.5	436	10	US-09-983-965-498	Sequence 498, Appl
12	75.6	4.3	1769	9	US-10-050-704-57	Sequence 57, Appl
13	73.4	4.2	1932	9	US-09-892-877-39	Sequence 39, Appl
14	68.8	3.9	1083	9	US-10-091-438-17	Sequence 17, Appl
15	68.8	3.9	1083	9	US-10-091-438-83	Sequence 83, Appl
16	68.8	3.9	1083	10	US-09-764-853-373	Sequence 373, Appl
17	68.6	3.9	342	9	US-09-764-891-540	Sequence 540, Appl
18	67.2	3.8	1176	10	US-09-764-898-23	Sequence 23, Appl
19	67.2	3.8	1859	10	US-09-764-864-740	Sequence 740, Appl

20	67.2	3.8	2303	10 US-09-925-302-113	Sequence 113, App
21	67.2	3.8	2317	9 US-10-097-065-25	Sequence 25, Appl
22	66.8	3.8	3084	10 US-09-764-864-89	Sequence 89, Appl
23	64.8	3.7	2488	10 US-09-925-301-73	Sequence 73, Appl
24	64.6	3.7	2158	10 US-09-925-302-104	Sequence 104, App
25	64.6	3.7	2334	9 US-10-054-988-15	Sequence 15, Appl
26	64.6	3.7	2334	10 US-09-739-907-50	Sequence 50, Appl
27	64.6	3.7	2334	10 US-09-739-254-15	Sequence 15, Appl
28	64.6	3.7	2334	10 US-09-604-615-15	Sequence 15, Appl
29	64.6	3.7	3083	10 US-09-809-567-1	Sequence 1, Appl
30	63.2	3.6	436	9 US-10-079-854-38	Sequence 38, Appl
31	63.2	3.6	436	9 US-10-074-095-173	Sequence 173, Appl
32	63.2	3.6	436	10 US-09-764-878-38	Sequence 38, Appl
33	63.2	3.6	436	10 US-09-764-878-173	Sequence 173, Appl
34	63.2	3.6	2229	10 US-09-925-301-160	Sequence 160, App
35	63	3.6	155	9 US-10-091-483-28	Sequence 28, Appl
36	63	3.6	155	10 US-09-764-846-28	Sequence 28, Appl
37	63	3.6	944	9 US-10-012-542-105	Sequence 105, App
38	62.6	3.5	841	9 US-09-925-299-126	Sequence 126, App
39	62.6	3.5	841	10 US-09-925-299-126	Sequence 126, App
40	62.4	3.5	2655	10 US-09-925-300-293	Sequence 293, App
41	62.2	3.5	420	9 US-09-918-995-36308	Sequence 36308, A
42	60.8	3.4	820	10 US-09-833-381-1846	Sequence 1846, Ap
43	60.2	3.4	829	9 US-10-102-806-242	Sequence 242, App
44	60.2	3.4	1833	10 US-09-925-302-218	Sequence 218, App
45	59.8	3.4	1450	10 US-09-764-853-186	Sequence 186, App

ALIGNMENTS

RESULT 1
US-09-895-298-11
Sequence 11, Application us/09895298
Publication No. US20030078405A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
FILE OF INVENTION: 47 Human Secreted Proteins
CURRENT APPLICATION NUMBER: US/09/895,298
CURRENT FILING DATE: 2001-07-02
PRIOR APPLICATION NUMBER: 09/591,16
PRIOR FILING DATE: 2000-06-09
PRIOR APPLICATION NUMBER: PCT/US99/29950
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: 60/113,006
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: 60/112,809
PRIOR FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 231
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 11
LENGTH: 1766
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (14)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: SITE
LOCATION: (36)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: SITE
LOCATION: (1750)
OTHER INFORMATION: n equals a,t,g, or c
US-09-895-298-11

Query Match 99.8% Score 1762.6; DB 9; Length 1766;
Best Local Similarity 100.0%; Pred. NO. 0;
Matches 1766; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 ACGGGGCCTTAAAGGAACCCCTCCGGAATTTGCGTGAACCAACGCGCTCGGTTT 60
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Db 1 ACGGGGCTTTAANGGAAACCTTCCCGAATTTCGGGTGACACCGCTCCGCTT 60
 Oy 61 TGTATATGAGGGTCCAGTAAGTCAAAACAACCTTGCCTGCTTCAAGGTTTCAGATC 120
 Db 61 TGTATATGAGGGTCCAGTAAGTCAAAACAACCTTGCCTGCTTCAAGGTTTCAGATC 120
 Oy 121 CCCGAATTCCTTCTTGAGACGAGAAAGCCGAGACGAAGTACACCTTGCAGACTCGGA 180
 Db 121 CCCGAATTCCTTCTTGAGACGAGAAAGCCGAGACGAAGTACACCTTGCAGACTCGGA 180
 Oy 181 TCAGTTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 240
 Db 181 TCAGTTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 240
 Oy 241 ACCATCTTATGCGAAGCCAGGCTTGTCCATGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
 Db 241 ACCATCTTATGCGAAGCCAGGCTTGTCCATGCTGCTGCTGCTGCTGCTGCTGCTGCT 300
 Oy 301 TGTGAGACCTTTTCCAGACCTTCAGAGTCAATGCGAGAAAGGAGAGATGCTTTCGCG 360
 Db 301 TGTGAGACCTTTTCCAGACCTTCAGAGTCAATGCGAGAAAGGAGAGATGCTTTCGCG 360
 Oy 361 GTATTTAGTAAGAGCGGATTCCTCCGATCATTTGAGAGAGCTGCTGCTGCTGCTGCTGCT 420
 Db 361 GTATTTAGTAAGAGCGGATTCCTCCGATCATTTGAGAGAGCTGCTGCTGCTGCTGCTGCT 420
 Oy 421 GTTCTCCAGACCCAGACCCGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
 Db 421 GTTCTCCAGACCCAGACCCGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 480
 Oy 481 CAGGTGCTACATCAATCAGATCTCCACAGACGCGCACGATTCATTCAGAGAGAGAG 540
 Db 481 CAGGTGCTACATCAATCAGATCTCCACAGACGCGCACGATTCATTCAGAGAGAGAG 540
 Oy 541 GACCAAAAGAAATCTGGCTCTCAGTATAGAGTCCGCTGCTGCTGCTGCTGCTGCTGCTGCT 600
 Db 541 GACCAAAAGAAATCTGGCTCTCAGTATAGAGTCCGCTGCTGCTGCTGCTGCTGCTGCTGCT 600
 Oy 601 GTCAGCTGCTTACGCGCCTCAAACTGTTGACTGAGAGGACCTGCTGCTGCTGCTGCTGCT 660
 Db 601 GTCAGCTGCTTACGCGCCTCAAACTGTTGACTGAGAGGACCTGCTGCTGCTGCTGCTGCT 660
 Oy 661 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720
 Db 661 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720
 Oy 721 CCTCAGTATTTATGAGGACCTTATGCAATTTCTTTTGAAGAGTATCTACTGCT 780
 Db 721 CCTCAGTATTTATGAGGACCTTATGCAATTTCTTTTGAAGAGTATCTACTGCT 780
 Oy 781 CCTTCTTGAAGTTTGAAGATTGATGAGGAGCAAAATTCAGAGATCTTAGTGTGCTGCT 840
 Db 781 CCTTCTTGAAGTTTGAAGATTGATGAGGAGCAAAATTCAGAGATCTTAGTGTGCTGCT 840
 Oy 841 TGTGAGACAAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 900
 Db 841 TGTGAGACAAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 900
 Oy 901 ATGTGAAGACAGCGCTAGAAATGCAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 960
 Db 901 ATGTGAAGACAGCGCTAGAAATGCAAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 960
 Oy 961 GACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1020
 Db 961 GACTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1020
 Oy 1021 CACAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1080
 Db 1021 CACAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1080
 Oy 1081 TTTGATTTGATTTTCAAACTATCTACATATTTTAAAGTGTGAGGCTTGAAGCTTTGA 1140
 Db 1081 TTTGATTTGATTTTCAAACTATCTACATATTTTAAAGTGTGAGGCTTGAAGCTTTGA 1140

Oy 1141 ATTAAGTGGCAAGTATGATTTCTCTTTGAGGCAAGGTTTAAGTGTAGGCTGTTAC 1200
 Db 1141 ATTAAGTGGCAAGTATGATTTCTCTTTGAGGCAAGGTTTAAGTGTAGGCTGTTAC 1200
 Oy 1201 ACTGTTGATACCTTTTTCATGACAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1260
 Db 1201 ACTGTTGATACCTTTTTCATGACAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1260
 Oy 1261 GAACATTTTGAATGAGGCTTATTTTCAACAAAGAACTTATGCTTATTTGCTGCTGCT 1320
 Db 1261 GAACATTTTGAATGAGGCTTATTTTCAACAAAGAACTTATGCTTATTTGCTGCTGCT 1320
 Oy 1321 GTGTTGTTATATATTTATTTGCTTATGAGGAAAGAAAGCTATTAAGTTCGCTGACGCCNA 1380
 Db 1321 GTGTTGTTATATATTTATTTGCTTATGAGGAAAGAAAGCTATTAAGTTCGCTGACGCCNA 1380
 Oy 1381 AGTATCATTTAGAAAGTGAAGCAACAAGATTAGGTTGATGAAAGATCATGAGTTTGC 1440
 Db 1381 AGTATCATTTAGAAAGTGAAGCAACAAGATTAGGTTGATGAAAGATCATGAGTTTGC 1440
 Oy 1441 ATTTTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500
 Db 1441 ATTTTACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1500
 Oy 1501 ACAGTTGCTAATTAAGAAATATCTGGAAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1560
 Db 1501 ACAGTTGCTAATTAAGAAATATCTGGAAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1560
 Oy 1561 CAGGTATTTGAAACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1620
 Db 1561 CAGGTATTTGAAACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1620
 Oy 1621 TTTGTTGAAGTGAAGTCTATCTGTTAATTTAATTTAATTTAATTTAATTTAATTTAATTT 1680
 Db 1621 TTTGTTGAAGTGAAGTCTATCTGTTAATTTAATTTAATTTAATTTAATTTAATTTAATTT 1680
 Oy 1681 TTTTCTTAAAAAAGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 1740
 Db 1681 TTTTCTTAAAAAAGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 1740
 Oy 1741 GGGGCCCCANATTCAGGCTGAGCGTT 1766
 Db 1741 GGGGCCCCANATTCAGGCTGAGCGTT 1766

RESULT 2
 US-09-880-107-1007/c
 : Sequence 1007, Application US/09880107
 : Patent No. US20020142981A1
 : GENERAL INFORMATION:
 : APPLICANT: Horne, Darci T.
 : APPLICANT: Vockley, Joseph G.
 : APPLICANT: Scherf, Uwe
 : APPLICANT: Gene Logic, Inc.
 : TITLE OR INVENTION: Gene Expression Profiles in Liver Cancer
 : FILE REFERENCE: 44921-5028-WO
 : CURRENT APPLICATION NUMBER: US/09/880,107
 : PRIOR FILING DATE: 2001-06-14
 : PRIOR APPLICATION NUMBER: US 60/211,379
 : PRIOR FILING DATE: 2000-06-14
 : PRIOR APPLICATION NUMBER: US 60/237,054
 : NUMBER OF SEQ ID NOS: 3950
 : SOFTWARE: PatentIn Ver. 2.1
 : SEQ ID NO 1007
 : LENGTH: 421
 : TYPE: DNA
 : ORGANISM: Homo sapiens
 : FEATURE:
 : OTHER INFORMATION: Genbank Accession No. US20020142981A1 AAA30026
 US-09-880-107-1007

Query Match 23.4%; Score 413; DB 10; Length 421;
 Best Local Similarity 100.0%; Pred. No. 1e-89;
 Matches 413; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1276 GGGCTTATTTCACACAAAGAGTTTATGCTTATTTGGGGGCTGCTTTATATAT 1335
 |||||||
 Db 421 GGGCTTATTTCACACAAAGAGTTTATGCTTATTTGCTGGGGTGTGTTATATAT 362
 |||||||
 QY 1336 ATTGCTTTAAGGAAAGAGTATATAGTCCGTGACACCCAAAGATCATTTAGAAA 1395
 |||||||
 Db 361 ATTGCTTTAAGGAAAGAGTATATAGTCCGTGACACCCAAAGATCATTTAGAAA 302
 |||||||
 QY 1396 AGTGAACCAACAAAGATTAGTGTATGATGAAGATAGTATGATTTGACCTGTCA 1455
 |||||||
 Db 301 AGTGAACCAACAAAGATTAGTGTATGATGAAGATAGTATGATTTGACCTGTCA 242
 |||||||
 QY 1456 GTGCTCTCTCCGACGACGGGTGTACACTTCTTCAAAATTTGACACAGTTGCTAATTA 1515
 |||||||
 Db 241 GTGCTCTCTCCGACGACGGGTGTACACTTCTTCAAAATTTGACACAGTTGCTAATTA 182
 |||||||
 QY 1516 GAAATATCTTGGAAAGCCTCATGCTACTAATTTTCAACTGACATCAGTATTTTGAAA 1575
 |||||||
 Db 181 GAAATATCTTGGAAAGCCTCATGCTACTAATTTTCAACTGACATCAGTATTTTGAAA 122
 |||||||
 QY 1576 CGTGTCTGTGATATTAATCTTGTAACTGAATGATATTTTGTAGATGGA 1635
 |||||||
 Db 121 CGTGTCTGTGATATTAATCTTGTAACTGAATGATATTTTGTAGATGGA 62
 |||||||
 QY 1636 AAGTACTATCTTGTATTTAATTTAATTTAATTTAGTCTATATTTTCTTA 1688
 |||||||
 Db 61 AAGTACTATCTTGTATTTAATTTAATTTAATTTAATTTAGTCTATATTTTCTTA 9

RESULT 3
 US-09-918-995-4777
 ; Sequence 4777, Application US/09918995
 ; Publication No. US20030073623A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hyseq, Inc.
 ; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
 ; FILE REFERENCE: 20411-756
 ; CURRENT APPLICATION NUMBER: US/09/918,995
 ; CURRENT FILING DATE: 2001-07-30
 ; PRIOR APPLICATION NUMBER: US/09/235,076
 ; PRIOR FILING DATE: 1999-01-20
 ; NUMBER OF SEQ ID NOS: 38054
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 4777
 ; LENGTH: 406
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-918-995-4777

Query Match 23.0%; Score 406; DB 9; Length 406;
 Best Local Similarity 100.0%; Pred. No. 5e-88;
 Matches 406; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 117 AGTCCCGAATTCCTTCTTGACCAAGAAAGCCGAGACAGATTCACATTCAGACT 176
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 Db 1 AGTCCCGAATTCCTTCTTGACCAAGAAAGCCGAGACAGATTCACATTCAGACT 60
 |||||||
 QY 177 CGGATAGTTCCTGGGTACTCGGTGAAACCAACATTCGCCACAAAATGAGAGA 236
 |||||||
 Db 61 CGGATAGTTCCTGGGTACTCGGTGAAACCAACATTCGCCACAAAATGAGAGA 120
 |||||||
 QY 237 AAACACATCTTATGAGCAAGCCAGGCTTTCACATGCTGTGATGGAATCTGATG 296
 |||||||
 Db 121 AAACACATCTTATGAGCAAGCCAGGCTTTCACATGCTGTGATGGAATCTGATG 180
 |||||||
 QY 297 GGAATGTGACCCCTTTTGCAGACCTGAGGTCATGCAAGAAAGGAGATGCCCTTT 356
 |||||||
 Db 181 GGAATGTGACCCCTTTTGCAGACCTGAGGTCATGCAAGAAAGGAGATGCCCTTT 240
 |||||||

QY 357 GCCGGTATTTCAGTAACAGCGGATTCCTCCGATCATTTGAAAGAGACTCTCTCCCGAT 416
 |||||||
 Db 241 GCCGGTATTTCAGTAACAGCGGATTCCTCCGATCATTTGAAAGAGACTCTCTCCCGAT 300
 |||||||
 QY 417 ACCGGTTCCAGACCCAGACCGAGCGGATTCCTCCGATCATTTGAAAGAGACTCTCTCCCGAT 476
 |||||||
 Db 301 ACCGGTTCCAGACCCAGACCGAGCGGATTCCTCCGATCATTTGAAAGAGACTCTCTCCCGAT 360
 |||||||
 QY 477 GAAGCAGTGTACATCACTAGATCTCCACAGACCGCCAGAT 522
 |||||||
 Db 361 GAAGCAGTGTACATCACTAGATCTCCACAGACCGCCAGAT 406
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RESULT 4
 US-09-736-457-1470/c
 ; Sequence 1470, Application US/09736457
 ; Patent No. US2002016837A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, Tongtong
 ; APPLICANT: Bangur, Chaitanya S.
 ; APPLICANT: Lodes, Michael A.
 ; APPLICANT: Fanger, Gary
 ; APPLICANT: Vedwick, Tom
 ; APPLICANT: Carter, Darlick
 ; APPLICANT: Reiter, Marc
 ; APPLICANT: Mannion, Jane
 ; APPLICANT: Fan, Liqun
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 ; FILE REFERENCE: 210121.478C15
 ; CURRENT APPLICATION NUMBER: US/09/736,457
 ; CURRENT FILING DATE: 2000-12-13
 ; NUMBER OF SEQ ID NOS: 1864
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 1470
 ; LENGTH: 482
 ; TYPE: DNA
 ; ORGANISM: Homo sapien
 US-09-736-457-1470

Query Match 19.6%; Score 346.6; DB 9; Length 482;
 Best Local Similarity 98.6%; Pred. No. 1.1e-73;
 Matches 360; Conservative 0; Mismatches 4; Indels 1; Gaps 1;

QY 242 CCATCTTATGCAACCAAGCGCTTTGTCCATGCTCTGATGGGAACTGATGGGATTT 301
 |||||||
 Db 365 CCCTGTGAAGGCMAAGCCAGCGCTTTGTCCATGCTCTGATGGGAACTGATGGGATTT 306
 |||||||
 QY 302 GTGACCCCTTTTGCAGACCTGAGATGATGCGAGAAAGGAGAGATGCCCTTTGCCGG 361
 |||||||
 Db 305 GTGACCCCTTTTGCAGACCTGAGATGATGCGAGAAAGGAGAGATGCCCTTTGCCGG 246
 |||||||
 QY 362 TATTTCACTAACGAGCGGATTCCTCCGATCATTTGAAGAGAGCTCTCTCCCATACCGG 421
 |||||||
 Db 245 TATTTCACTAACGAGCGGATTCCTCCGATCATTTGAAGAGAGCTCTCTCCCATACCGG 186
 |||||||
 QY 422 TTTCACACACCACAGACCGAGGAGATGTGTCGGGGTGGCGACTACATCCGAGAAAGC 481
 |||||||
 Db 185 TTTCACACACCACAGACCGAGGAGATGTGTCGGGGTGGCGACTACATCCGAGAAAGC 126
 |||||||
 QY 482 AGGTGCTACATCACTGATCTCCACAGACCGCGAGATTCATTCACAGAGAGG 541
 |||||||
 Db 125 AGGTGCTACATCACTGATCTCCACAGATTCATTCACAGAGAGG 66
 |||||||
 QY 542 ACCAAAAAATAATCTGCTCTCAGCTAGC-AGTCTGTGCACAGAAACGCTCCTCTG 600
 |||||||
 Db 65 ACCAAAAAATAATCTGCTCTCAGCTAGCAGAAAGTCTGTGCACAGAAACGCTCCTCTG 6
 |||||||
 QY 601 GTCAG 605
 |||||||
 Db 5 GTCAG 1

```

RESULT 5
US-09-902-941-1470/c
: Sequence 1470, Application US/09902941
: Patent No. US20020172952A1
: GENERAL INFORMATION:
: APPLICANT: Henderson, Robert A.
: APPLICANT: Wang, Tonglong
: APPLICANT: Watanabe, Yoshihiro
: APPLICANT: Johnson, Jeffrey C.
: APPLICANT: Retter, Marc W.
: APPLICANT: Marnerakis, Margarita
: APPLICANT: Carter, Darick
: APPLICANT: Fanger, Gary R.
: APPLICANT: Vedvick, Thomas S.
: APPLICANT: Bangur, Chaitanya S.
: APPLICANT: McNabb, Andria
: TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
: FILE REFERENCE: 210121.478C17
: CURRENT APPLICATION NUMBER: US/09/902,941
: CURRENT FILING DATE: 2001-07-10
: NUMBER OF SEQ ID NOS: 2002
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 1470
: LENGTH: 482
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-902-941-1470

Query Match      19.6%; Score 346.6; DB 9; Length 482;
Best Local Similarity 98.6%; Pred. No. 1,1e-73;
Matches 360; Conservative 0; Mismatches 4; Indels 1; Gaps 1;

OY 242 CCATCTTATGGCAGCCAGCGGCGCTTTGTCATGCTGCTGATGGGAACTGGATGGGATT 301
    |||||
DB 365 CCTCTGAAGCCAGCAGCGGCGCTTTGTCATGCTGCTGATGGGAACTGGATGGGATT 306

OY 302 GTGGACCCCTTTTGGCAGACTCGAGGTCATGGGAGAAAGGGAGATGCCCTTTGGCGG 361
    |||||
DB 305 GTGGACCCCTTTTGGCAGACTCGAGGTCATGGGAGAAAGGGAGATGCCCTTTGGCGG 246

OY 362 TATTTCAGTAAGCAGCGGATTCCTCGATCATTTGAAGAGAGCTCTCCCTCCCATACCGG 421
    |||||
DB 245 TATTTCAGTAAGCAGCGGATTCCTCGATCATTTGAAGAGAGCTCTCCCTCCCATACCGG 186

OY 422 TTCTCAGACCCAGCGGCGGATTCGTCGGGGGTGGGAGCTACATCCGAGAAAGC 481
    |||||
DB 185 TTCTCAGACCCAGCGGCGGATTCGTCGGGGGTGGGAGCTACATCCGAGAAAGC 126

OY 482 AGGTGCTACATCACTGATCTCCAGCAGAGCGCCAGATTCATTCCAGAGGAAAGG 541
    |||||
DB 125 AGGTGCTACATCACTGATCTCCAGCAGAGCGCCAGATTCATTCCAGAGGAAAGG 66

OY 542 ACCAAAAAAGAAATCTGGCTCTCTAGCTACG-AGTCTCTCTCTCAAGAAACCTCTCTCTG 600
    |||||
DB 65 ACCAAAAAAGAAATCTGGCTCTCTAGCTACGAAATCTCTCTCAAGAAACCTCTCTCTG 6

OY 601 GTCAG 605
    |||||
DB 5 GTCAG 1

```

```

APPLICANT: Switzer, Anne
APPLICANT: McNell, Patricia
APPLICANT: Clapper, Jonathan
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
: TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
: FILE REFERENCE: 210121.478C16
: CURRENT APPLICATION NUMBER: US/09/849,626
: CURRENT FILING DATE: 2001-05-03
: NUMBER OF SEQ ID NOS: 1926
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 1470
: LENGTH: 482
: TYPE: DNA
: ORGANISM: Homo sapien
US-09-849-626-1470

Query Match      19.6%; Score 346.6; DB 9; Length 482;
Best Local Similarity 98.6%; Pred. No. 1,1e-73;
Matches 360; Conservative 0; Mismatches 4; Indels 1; Gaps 1;

OY 242 CCATCTTATGGCAGCCAGCGGCGCTTTGTCATGCTGCTGATGGGAACTGGATGGGATT 301
    |||||
DB 365 CCTCTGAAGCCAGCAGCGGCGCTTTGTCATGCTGCTGATGGGAACTGGATGGGATT 306

OY 302 GTGGACCCCTTTTGGCAGACTCGAGGTCATGGGAGAAAGGGAGATGCCCTTTGGCGG 361
    |||||
DB 305 GTGGACCCCTTTTGGCAGACTCGAGGTCATGGGAGAAAGGGAGATGCCCTTTGGCGG 246

OY 362 TATTTCAGTAAGCAGCGGATTCCTCGATCATTTGAAGAGAGCTCTCCCTCCCATACCGG 421
    |||||
DB 245 TATTTCAGTAAGCAGCGGATTCCTCGATCATTTGAAGAGAGCTCTCCCTCCCATACCGG 186

OY 422 TTCTCAGACCCAGCGGCGGATTCGTCGGGGGTGGGAGCTACATCCGAGAAAGC 481
    |||||
DB 185 TTCTCAGACCCAGCGGCGGATTCGTCGGGGGTGGGAGCTACATCCGAGAAAGC 126

OY 482 AGGTGCTACATCACTGATCTCCAGCAGAGCGCCAGATTCATTCCAGAGGAAAGG 541
    |||||
DB 125 AGGTGCTACATCACTGATCTCCAGCAGAGCGCCAGATTCATTCCAGAGGAAAGG 66

OY 542 ACCAAAAAAGAAATCTGGCTCTCTAGCTACG-AGTCTCTCTCTCAAGAAACCTCTCTCTG 600
    |||||
DB 65 ACCAAAAAAGAAATCTGGCTCTCTAGCTACGAAATCTCTCTCAAGAAACCTCTCTCTG 6

OY 601 GTCAG 605
    |||||
DB 5 GTCAG 1

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RESULT 7
US-10-017-754-1470/c
: Sequence 1470, Application US/10017754
: Publication No. US20030054363A1
: GENERAL INFORMATION:
: APPLICANT: Henderson, Robert A.
: APPLICANT: Wang, Tonglong
: APPLICANT: Watanabe, Yoshihiro
: APPLICANT: Johnson, Jeffrey C.
: APPLICANT: Retter, Marc W.
: APPLICANT: Marnerakis, Margarita
: APPLICANT: Carter, Darick
: APPLICANT: Fanger, Gary R.
: APPLICANT: Vedvick, Thomas S.
: APPLICANT: Bangur, Chaitanya S.
: APPLICANT: McNabb, Andria
: TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
: TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
: FILE REFERENCE: 210121.478C18
: CURRENT APPLICATION NUMBER: US/10/017,754
: CURRENT FILING DATE: 2001-10-29
: NUMBER OF SEQ ID NOS: 2004
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 1470

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LENGTH: 482
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-017-754-1470

Query Match 19.6%; Score 346.6; DB 9; Length 482;
 Best Local Similarity 98.6%; Pred. No. 1.1e-73;
 Matches 360; Conservative 0; Mismatches 4; Indels 1; Gaps 1;

QY 242 CCATCTTATGGCAAGCCAGCCCTTTGTCATGCTGCTGTAATGGAACTGATGGGATTT 301
 DB 365 CCCCTGAGAGCCAGCCAGCCCTTTGTCATGCTGCTGTAATGGAACTGATGGGATTT 306
 QY 302 GTGAGACCCCTTTGGCAGACCTCGAGTTCATGCGAGAAAGGGAGATGCCCTTTGCCGG 361
 DB 305 GTGAGACCCCTTTGGCAGACCTCGAGTTCATGCGAGAAAGGGAGATGCCCTTTGCCGG 246
 QY 362 TATTTCAGTAACGAGGGATTCCTCCGATCATTTGAAAGAGAGCTCTCTCCCATACCGG 421
 DB 245 TATTTCAGTAACGAGGGATTCCTCCGATCATTTGAAAGAGAGCTCTCTCCCATACCGG 186
 QY 422 TTCTCCAGACCCAGCAGCGAGGATCTGTCGGGGGTGGAGCTACATCCGAGAAAGC 481
 DB 185 TTCTCCAGACCCAGCAGCGAGGATCTGTCGGGGGTGGAGCTACATCCGAGAAAGC 126
 QY 482 AGGTGCTACATCACTAGATCTCCAGCAGCAGCCGACGATTCATTCAGAGAGAGAGG 541
 DB 125 AGGTGCTACATCACTAGATCTCCAGCAGCAGCCGACGATTCATTCAGAGAGAGAGG 66
 QY 542 ACCAAAGAAATGCTGCTCTCTGACGTCAG-AGTCTCTGTCACAGAAACCTCTCTCTG 600
 DB 65 ACCAAAGAAATGCTGCTCTCTGACGTCAGTCTCTCTCTCTCTCTCTCTCTCTG 6
 QY 601 GTCAG 605
 DB 5 GTCAG 1

RESULT 8
 US-09-796-692-4283/C
 Sequence 4283, Application US/09796692
 Publication No. US20020198362A1
 GENERAL INFORMATION:
 APPLICANT: Gaiger, Alexander
 APPLICANT: Algate, Paul A.
 APPLICANT: Mannion, Jane
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
 TITLE OF INVENTION: HEMATOLOGICAL MALIGNANCIES
 FILE REFERENCE: 2077, 001200
 CURRENT APPLICATION NUMBER: US/09/796, 692
 PRIOR FILING DATE: 2001-03-01
 PRIOR APPLICATION NUMBER: 60/186, 126
 PRIOR FILING DATE: 2000-03-01
 PRIOR APPLICATION NUMBER: 60/190, 479
 PRIOR FILING DATE: 2000-03-17
 PRIOR APPLICATION NUMBER: 60/200, 545
 PRIOR FILING DATE: 2000-04-27
 PRIOR APPLICATION NUMBER: 60/200, 303
 PRIOR FILING DATE: 2000-04-28
 PRIOR APPLICATION NUMBER: 60/200, 779
 PRIOR FILING DATE: 2000-04-28
 PRIOR APPLICATION NUMBER: 60/200, 999
 PRIOR FILING DATE: 2000-05-01
 PRIOR APPLICATION NUMBER: 60/202, 084
 PRIOR FILING DATE: 2000-05-04
 PRIOR APPLICATION NUMBER: 60/206, 201
 PRIOR FILING DATE: 2000-05-22
 PRIOR APPLICATION NUMBER: 60/218, 950
 PRIOR FILING DATE: 2000-07-14
 PRIOR APPLICATION NUMBER: 60/222, 903
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: 60/223, 416
 PRIOR FILING DATE: 2000-08-04

PRIOR APPLICATION NUMBER: 60/223, 378
 PRIOR FILING DATE: 2000-08-07
 NUMBER OF SEQ ID NOS: 9597
 SOFTWARE: FASTSEQ for Windows Version 3.0
 SEQ ID NO: 4283
 LENGTH: 328

TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: unsure
 LOCATION: (80)
 OTHER INFORMATION: n-A,T,C or G
 NAME/KEY: unsure
 LOCATION: (114)
 OTHER INFORMATION: n-A,T,C or G
 NAME/KEY: unsure
 LOCATION: (146)
 OTHER INFORMATION: n-A,T,C or G
 NAME/KEY: unsure
 LOCATION: (150)
 OTHER INFORMATION: n-A,T,C or G
 NAME/KEY: unsure
 LOCATION: (222)
 OTHER INFORMATION: n-A,T,C or G
 NAME/KEY: unsure
 LOCATION: (238)
 OTHER INFORMATION: n-A,T,C or G
 NAME/KEY: unsure
 LOCATION: (265)
 OTHER INFORMATION: n-A,T,C or G
 NAME/KEY: unsure
 LOCATION: (284)
 OTHER INFORMATION: n-A,T,C or G
 US-09-796-692-4283

Query Match 17.9%; Score 316; DB 9; Length 328;
 Best Local Similarity 96.3%; Pred. No. 2.1e-66;
 Matches 316; Conservative 1; Mismatches 11; Indels 0; Gaps 0;

QY 607 TGGTTACGGGCTCAACGTTGACTCACTGAGAGGACCCGTCACGSCCACTGCT 666
 DB 328 TGGTTACGGGCTCAACGTTGACTCACTGAGAGGACCCGTCACGSCCACTGCT 269
 QY 667 GGCTCTGSCCCAAAGTGCCTTGGCTTTTACAGTGAGAGCCCTCTCTGTTACAGCCTCAG 726
 DB 268 GGCTCTGSCCCAAAGTGCCTTGGCTTTTACAGTGAGAGCCCTCTCTGTTACAGCCTCAG 209
 QY 727 TATTATGTAGGAGCCTTAGCAATTTCTTTCTTTTGAAGAAATATATCTACCTCTCT 786
 DB 208 TATTATGTAGGAGCCTTAGCAATTTCTTTCTTTTGAAGAAATATATCTACCTCTCT 149
 QY 787 TCGAATTTGACAGATTGATGAGGAAATTCAGAGATCTTAGTGCTGCTTGGA 846
 DB 148 TCGAATTTGACAGATTGATGAGGAAATTCAGAGATCTTAGTGCTGCTTGGA 89
 QY 847 GACAAAGAGGGAAATGGGTAGAGCCTGTTGCTTCTTCCAGAGATAGATGTGA 906
 DB 88 GACAAAGAGGGAAATGGGTAGAGCCTGTTGCTTCTTCCAGAGATAGATGTGA 29
 QY 907 AGACAGCGCTAGAAATCGCAGCTCG 934
 DB 28 AGACAGCGCTAGAAATCGCAGCTCG 1

RESULT 9
 US-10-040-862-4283/C
 Sequence 4283, Application US/10040862

```

Publication No. US20030078396A1
GENERAL INFORMATION:
APPLICANT: Gaiger, Alexander
APPLICANT: Algate, Paul A.
APPLICANT: Mannion, Jane
APPLICANT: Reiter, Marc
APPLICANT: Corixa Corporation
TITLE OF INVENTION: Compositions and Methods for the Detection, Diagnosis and Therapy
FILE REFERENCE: 014058-013520US
CURRENT APPLICATION NUMBER: US/10/040,862
CURRENT FILING DATE: 2001-11-06
PRIOR APPLICATION NUMBER: US 60/186,126
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: US 60/190,479
PRIOR FILING DATE: 2000-03-17
PRIOR APPLICATION NUMBER: US 60/200,545
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 60/200,303
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: US 60/200,779
PRIOR FILING DATE: 2000-04-28
PRIOR APPLICATION NUMBER: US 60/200,999
PRIOR FILING DATE: 2000-05-01
PRIOR APPLICATION NUMBER: US 60/202,084
PRIOR FILING DATE: 2000-05-04
PRIOR APPLICATION NUMBER: US 60/206,201
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: US 60/218,950
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: US 60/222,903
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: US 60/223,416
PRIOR FILING DATE: 2000-08-04
PRIOR APPLICATION NUMBER: US 60/223,378
PRIOR FILING DATE: 2000-08-07
PRIOR APPLICATION NUMBER: US 09/796,692
PRIOR FILING DATE: 2001-03-01
NUMBER OF SEQ ID NOS: 10467
SOFTWARE: fastseq for Windows Version 3.0
SEQ ID NO 4283
LENGTH: 328
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: unsure
LOCATION: (80)
OTHER INFORMATION: n-A,T,C or G
FEATURE:
NAME/KEY: unsure
LOCATION: (100)
OTHER INFORMATION: n-A,T,C or G
FEATURE:
NAME/KEY: unsure
LOCATION: (108)
OTHER INFORMATION: n-A,T,C or G
FEATURE:
NAME/KEY: unsure
LOCATION: (114)
OTHER INFORMATION: n-A,T,C or G
FEATURE:
NAME/KEY: unsure
LOCATION: (146)
OTHER INFORMATION: n-A,T,C or G
FEATURE:
NAME/KEY: unsure
LOCATION: (150)
OTHER INFORMATION: n-A,T,C or G
FEATURE:
NAME/KEY: unsure
LOCATION: (222)
OTHER INFORMATION: n-A,T,C or G
FEATURE:

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NAME/KEY: unsure
LOCATION: (238)
OTHER INFORMATION: n-A,T,C or G
FEATURE:
NAME/KEY: unsure
LOCATION: (266)
OTHER INFORMATION: n-A,T,C or G
FEATURE:
NAME/KEY: unsure
LOCATION: (284)
OTHER INFORMATION: n-A,T,C or G
US-10-040-862-4283

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Query Match 17.9%; Score 316; DB 9; Length 328;
Best Local Similarity 96.3%; Pred. No. 2,1e-66;
Matches 316; Conservative 1; Mismatches 11; Indels 0; Gaps 0;

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```

QY 607 TGGTTACGGCGCTCAAACTGTGACTCAGAGAGGACCCCTGCTCAGGCCACTGCT 666
DB 328 TGGTTACGGCGCTCAAACTGTGACTCAGAGAGGACCCCTGCTCAGGCCACTGCT 269
QY 667 GGCCTCGSCCAAGTGCCTTTTACAGTGCAGAGCCCTGCTCGTTGAGCCTCAG 726
DB 268 GGCCTCGSCCAAGTGCCTTTTACAGTGCAGAGCCCTGCTCGTTGAGCCTCAG 209
QY 727 TATATGAGGACCTATGCAATTTCTTTTGAAGAAATATCTACTGCTTCT 786
DB 208 TATATGAGGACCTATGCAATTTCTTTTGAAGAAATATCTACTGCTTCT 149
QY 787 TGGAGTTGAGAGTGGATGGAGAAATCAGAGATCTAGTGTGCTGTGTGA 846
DB 148 TGGAGTTGAGAGTGGATGGAGAAATCAGAGATCTAGTGTGCTGTGTGA 89
QY 847 GACAAAGAGGAAATGGGTAGACCTGTTGTCTGCTCCAGAGATGAATGTGA 906
DB 88 GACAAAGAGGAAATGGGTAGACCTGTTGTCTGCTCCAGAGATGAATGTGA 29
QY 907 AGACACGGCGTGAAGAAATGCGAGTCTCG 934
DB 28 AGACACGGCGTGAAGAAATGCGAGTCTCG 1

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RESULT 10
US-09-983-965-184
Sequence 184; Application US/09983965
Patent No. US20020137160A1
GENERAL INFORMATION:
APPLICANT: Warren, Wesley C.
APPLICANT: Tao, Nengping
APPLICANT: Byatt, John C.
APPLICANT: Mathialagan, Nagappan
TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND
FILE REFERENCE: 37-21(10297)C
CURRENT APPLICATION NUMBER: US/09/983,965
CURRENT FILING DATE: 2001-10-26
PRIOR APPLICATION NUMBER: US 09/465,231
PRIOR FILING DATE: 1999-12-15
PRIOR APPLICATION NUMBER: US 60/113,678
PRIOR FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 5912
SEQ ID NO 184
LENGTH: 398
TYPE: DNA
ORGANISM: Bos taurus
FEATURE:
OTHER INFORMATION: Clone ID: 23-BOVMS1-018-Q1-E1-F3
US-09-983-965-184

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Query Match 7.2%; Score 127.8; DB 10; Length 398;
Best Local Similarity 67.4%; Pred. No. 5.4e-21;
Matches 281; Conservative 0; Mismatches 107; Indels 29; Gaps 6;

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Query Match	6.5%	Score 114.8	DB 10	Length 436	
Best Local Similarity	66.9%	Pred. No. 7.7e-18			
Matches 273	Conservative 0	Mismatches 92	Indels 43	Gaps 6	
OY	715	TTTACGCTCAGATATTATGATAGGACCTTATGCAATTC-----TTTTCTTTGCAAAAG	769		
Db	21	TCTCATCCACGATATTATGATAGCCATCTTTTGCAATTCGTGGGTTCTTTTGTGAAG	80		
OY	770	TTATCTACTGCGCTTCTTGAAAGTTTGCAGG-ATTGGATGGACACAAATTCAGAGATCT	828		
Db	81	TTTGTTATTCGACACTCTTGGAATTTTGAAGTCATTGGATGGGAAATTAATCCAGAGAACTCT	140		
OY	829	T-----AGGTCTGGCTTGTGGAGCAAAAGAGCGGAATGGTGGAGAGCTG-----	875		
Db	141	TGATCATGATCTGCTGCTGTGGCGGCAAAAGSAGAAATGGGAGAGAGCTGTCCCCCCC	200		
OY	876	-----TTTGCTCTGCTTCCCGCAGATAGAAATGTGAACACACGCGCTAG	919		

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Query Match      4.3%; Score 75.6; Db 9; Length 1769;
Best Local Similarity 73.3%; Pred. No. 4.7e-08;
Matches 96; Conservative 0; Mismatches 35; Indels 0; Gaps 0;

QY 1625 TTGAAGATGAAAGTACTACTCTGTAAATTTAGTATTTTAAATATAGTTGATATTTT 1684
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1599 TTGAATGAATGAGACCTGTGTGATTTTAAATTTTATTTTAAAGCTAATCAATT 1658
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 1685 CTTAATAAAAAAAAAAAAAAAAAAAAAAAAAAGGGGGCCCTCTAGAGGATCCCGCAGGGG 1744
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1659 TCTAATAAAAAAAAAAAAAAAAAAAAAAAAAAGGGGGCCCTCTAGAGGATCCCTGAGGGG 1718
      ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

QY 1745 CCCCANNATTC 1755
      || | | ||||
Db 1719 CCCAAGCTTAC 1729

RESULT 13
US-09-892-877-39
; Sequence 39, Application US/09892877
; Publication No. US20030077809A1
GENERAL INFORMATION:
APPLICANT: Ruben et. al.
TITLE OF INVENTION: 97 Human secreted proteins
FILE REFERENCE: P2028P1
CURRENT APPLICATION NUMBER: US/09/892,877
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/437,658
PRIOR FILING DATE: EARLIER FILING DATE: 1999-11-10
NUMBER OF SEQ ID NOS: 461
SOFTWARE: PatentIn Ver. 2.0

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; SEQ ID NO 39
; LENGTH: 1932
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (293)
; OTHER INFORMATION: n equals a,t,g, or c
US-09-892-877-39

Query Match      4.28; Score 73.4; DB 9; Length 1932;
Best Local Similarity 73.0%; Pred. No. 1.7e-07;
Matches 92; Conservative 1; Mismatches 33; Indels 0; Gaps 0;

QY 1635 AAGTCTACTCTGTTAATTAGTATTTAAATATAGTCTATATTTCTTAAANNA 1694
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1757 AATATGCTGTTGTTTCATTTCGCAATTTAATAAATACATATGTTTATGARA 1816
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 1695 AAAAAAAAAAAAAAAAAAGCGCGCGCTCTAGAGATCCGCGAGGCGCCAMATTA 1754
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1817 AAAAAAAAAAAAAAAAAAGCGCGCGCTCTAGAGATCCGCGAGGCGCCAMATTA 1876
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
QY 1755 CCGCTG 1760
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1877 CCGCTG 1882
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

RESULT 14
US-10-091-438-17
; Sequence 17, Application US/10091438
; Publication No. US2003077606A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PT217C1
; CURRENT APPLICATION NUMBER: US/10/091.438
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,879
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/216,880
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,270
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/235,834
; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: 60/234,274
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/234,223
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: 60/228,924
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 60/224,518
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/236,369
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/224,519
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,964
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/241,809
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/249,299
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: 60/236,327
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/241,785
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; PRIOR APPLICATION NUMBER: 60/244,617
; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/225,268
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; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/251,856
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; PRIOR APPLICATION NUMBER: 60/251,868
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/229,344
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/234,997
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: 60/229,343
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,345
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,287
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/231,413
; PRIOR FILING DATE: 2000-09-08
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; PRIOR APPLICATION NUMBER: 60/236,367
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/237,039
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,038
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/236,370
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/236,802
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,037
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/237,040
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 60/240,960
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/239,935
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/239,937
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/241,787
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/246,474
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/246,532
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;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/249,216
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,210
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/226,661
;; PRIOR FILING DATE: 2000-08-22
;; PRIOR APPLICATION NUMBER: 60/225,759
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/225,213
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/227,182
;; PRIOR FILING DATE: 2000-08-22
;; PRIOR APPLICATION NUMBER: 60/225,214
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/235,836
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: 60/230,438
;; PRIOR FILING DATE: 2000-09-06
;; PRIOR APPLICATION NUMBER: 60/225,135
;; PRIOR FILING DATE: 2000-06-30
;; PRIOR APPLICATION NUMBER: 60/225,266
;; PRIOR FILING DATE: 2000-08-14
;; PRIOR APPLICATION NUMBER: 60/249,218
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;; PRIOR FILING DATE: 2000-11-17
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;; PRIOR FILING DATE: 2000-11-17
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;; PRIOR FILING DATE: 2000-11-17
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;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,214
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/249,297
;; PRIOR FILING DATE: 2000-11-17
;; PRIOR APPLICATION NUMBER: 60/232,400
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/231,242
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/232,081
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/232,080
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/231,414
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/231,244
;; PRIOR FILING DATE: 2000-09-08
;; PRIOR APPLICATION NUMBER: 60/233,064
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/233,063
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/232,397
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/232,399
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/232,401
;; PRIOR FILING DATE: 2000-09-14
;; PRIOR APPLICATION NUMBER: 60/241,808
;; PRIOR FILING DATE: 2000-10-20

;; PRIOR APPLICATION NUMBER: 60/241,826
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,786
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/241,221
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/246,475
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 60/231,243
;; PRIOR FILING DATE: 2000-09-08
Query Match 3.9%; Score 68.8; DB 9; Length 1083;
Best Local Similarity 95.9%; Pred. No. 1.6e-06;
Matches 70; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1688 AAAAAAAAAAAAAAAAAAGCGCGCGCTCTAGAGATCCCGCGAGGCGCC 1747
Db 990 AAAAAAAAAAAAAAAAAAGCGCGCGCTCTAGAGATCCCTGAGGCGCC 1049
QY 1748 CANATTACGCGTG 1760
Db 1050 CAAGTTACGCGTG 1062
RESULT 15
US-10-091-438-83
; Sequence 83, Application US/10091438
; Publication No. US2003007606A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PT217C1
; CURRENT FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/764,879
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/225,757
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/226,868
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/216,647
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/225,267
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; PRIOR APPLICATION NUMBER: 60/225,270
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; PRIOR APPLICATION NUMBER: 60/251,869
; PRIOR FILING DATE: 2000-12-08
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Query Match 3.9%; Score 68.8; DB 9; Length 1083;
Best Local Similarity 95.9%; Pred. No. 1.6e-06;
Matches 70; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db 990 AAAAAAAAAAAAAAAAAAGGCGCGCTCTAGAGATCCCGGAGGGGCC 1049
QY 1748 CANATTACGCGTG 1760
Db 1050 CAGTTACGCGTG 1062

Search completed: May 15, 2003, 23:52:14
Job time : 233.404 secs

